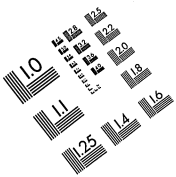
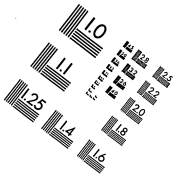
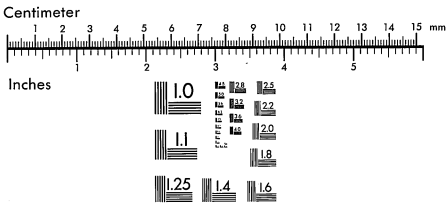
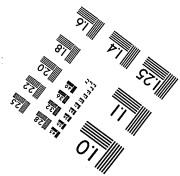


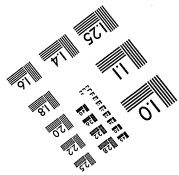
Association for
Information and Image
Management

MS303-1980




Centimeter
Inches





# Thomas A Edison Papers

*A SELECTIVE MICROFILM EDITION*

*PART I*
*(1850-1878)*


Thomas E. Jeffrey
Microfilm Editor and Associate Editor

Paul B. Israel
Assistant Editor

Assistant Editors:
Toby Appel
Keith A. Nier
Andre Millard

Susan Schultz
Assistant Editor

Research Associates:
Robert Rosenberg
W. Bernard Carlson

Student Assistants
John Deasey
Leonard De Graaf
David Fowler
Pamela Kwiatkowski
Joseph P. Sullivan
Barbara B. Tomblin

Leonard S. Reich, Associate Director and Associate Editor
Reese V. Jenkins, Director and Editor



Sponsors
Rutgers, The State University of New Jersey
National Park Service, Edison National Historic Site
New Jersey Historical Commission
Smithsonian Institution

University Publications of America
Frederick, Maryland
1985



Edison signature used with permission of McGraw-Edison Company.

Copyright © 1985 by Rutgers, The State University

All Rights Reserved. No part of this publication including any portion of the guide and index or of the microfilm may be reproduced, stored in a retrieval system, or transmitted in any form by any means—graphic, electronic, mechanical, or chemical, including photocopying, recording or taping, or information storage and retrieval systems—without written permission of Rutgers, The State University of New Jersey, New Brunswick, New Jersey.

The original documents in this edition are from the archives at the Edison National Historic Site at West Orange, New Jersey.

## BOARD OF SPONSORS

Rutgers, The State University of New Jersey
- Edward J. Bloustein
- T. Alexander Pond
- Tilden G. Edelstein
- Richard P. McCormick
- James Kirby Martin

New Jersey Historical Commission
- Bernard Bush
- Howard Green

National Park Service, Edison National Historic Site
- Roy W. Weaver
- Edward J. Pershey
- William Binnewies
- Lynn Wightman
- Elizabeth Albro

Smithsonian Institution
- Brooke Hindle
- Bernard Finn

## EDITORIAL ADVISORY BOARD

James Brittain, Georgia Institute of Technology
Alfred D. Chandler, Harvard University
Neil Harris, University of Chicago
Thomas Parke Hughes, University of Pennsylvania
Arthur Link, Princeton University
Nathan Reingold, Smithsonian Institution
Robert C. Schofield, Iowa State University

## CORPORATE ASSOCIATES

William C. Hittinger (chairman), RCA Corporation
*Arthur M. Bueche, General Electric Company
Edward J. Bloustein, Rutgers, The State University of N.J.
Cees Bruynes, North American Philips Corporation
Paul J. Christiansen, Charles Edison Fund
Philip F. Dietz, Westinghouse Electric Corporation
Paul Lego, Westinghouse Electric Corporation
Roland W. Schmitt, General Electric Corporation
Robert I. Smith, Public Service Electric and Gas Company
Harold W. Sonn, Public Service Electric and Gas Company
Morris Tanenbaum, AT&T

*Deceased

## FINANCIAL CONTRIBUTORS

### PRIVATE FOUNDATIONS

Alfred P. Sloan Foundation
Charles Edison Fund
The Hyde and Watson Foundation
Geraldine R. Dodge Foundation

### PUBLIC FOUNDATIONS

National Science Foundation
National Endowment for the Humanities

### PRIVATE CORPORATIONS AND INDIVIDUALS

Alabama Power Company
Amerada Hess Corporation
AT&T
Association of Edison Illuminating Companies
Battelle Memorial Institute Foundation
The Boston Edison Foundation
Cabot Corporation Foundation
Carolina Power and Light Company
Consumers Power Company
Corning Glass Works Foundation
Duke Power Company
Edison Electric Institute
Exxon Corporation
General Electric Foundation
Gould Inc. Foundation
Gulf States Utilities Company
The Institute of Electrical & Electronics Engineers
International Brotherhood of Electrical Workers
Iowa Power and Light Company
Mr. and Mrs. Stanley H. Katz
Matsushita Electric Industrial Co., Ltd.
McGraw-Edison Company
Middle South Services, Inc.
Minnesota Power
New Jersey Bell Telephone Company
New York State Electric & Gas Corporation
North American Philips Corporation
Philadelphia Electric Company
Philips International B.V.
Public Service Electric and Gas Company
RCA Corporation
Robert Bosch GmbH
Savannah Electric and Power Company
Schering Plough Foundation
Texas Utilities Company
Thomson-Brandt
Transamerica Delaval Inc.
Westinghouse Educational Foundation
Wisconsin Public Service Corporation

# 14

# START

PUBLICATION AND MICROFILM
COPYING RESTRICTIONS

Reel duplication of the whole or of any part of this film is prohibited. In lieu of transcripts, however, enlarged photocopies of selected items contained on these reels may be made in order to facilitate research.

## A NOTE ON THE SOURCES

The pages which were microfilmed for this collection are in generally good condition in the original. There are some pages, however, which due to age do not reproduce satisfactorily. We have made every technical effort to ensure complete legibility of each and every page.

## DOCUMENT FILE - 1877

| | |
|---|---|
| D-77-001 | American Novelty Company - Johnson, Edward H. |
| D-77-002 | Edison, T.A. - General |
| D-77-003 | Edison, T.A. - Articles |
| D-77-004 | Edison, T.A. - Bills and Receipts |
| D-77-005 | Edison, T.A. - Bills of Lading (not selected) |
| D-77-006 | Edison,T.A. - Book and Journal Orders |
| D-77-007 | Edison, T.A. - Family |
| D-77-008 | Edison, T.A. - Insurance |
| D-77-009 | Edison, T.A. - Notes, Financial |
| D-77-010 | Edison, T. A. - Payrolls and Time Sheets |
| D-77-011 | Electric Pen |
| D-77-012 | Employment |
| D-77-013 | Exhibitions |
| D-77-014 | George Place Machinery Agency |
| D-77-015 | Patents |
| D-77-016 | Railroad - Port Huron and Sarnia Railway Companies |
| D-77-017 | Telegraph - General |
| D-77-018 | Telegraph - Atlantic & Pacific Telegraph Co. |
| D-77-019 | Telephone |

1877. American Novelty Company - Johnson, Edward H. (D-77-001)

Correspondence, agreement, bills, circular, samples.

All selected.

The American Novelty Company,

(E. H. JOHNSON, Gen'l Manager.)

No. 52 BROADWAY,

New York Jan 3/76. 187

My Dear Edison

You have evidently come to the conclusion that I am a burden to you and that something is necessary to be done to rid yourself of it - a la Gilliland -

I understand you make quite frequent allusions to my improvidence &c. When mention is incidentally made of monies you have advanced me -

As I do not propose to occupy any such position in relation to you, or any one else - I ask you

The American Novelty Company,

(E. H. JOHNSON, Gen'l Manager.)

No. 52 BROADWAY,

New York, 18 7

As a special favor to
prepare for me from
your Books & Memoranda
a Memoranda of all
Monies loaned me or
paid me in any way
shape or form & to include
the following –

| | |
|---|---|
| Loaned at the Date of Quadgale – | $200. |
| Bill paid Cashier at A&P | 60. |
| Money loaned some time | |
| Embezzlement & A&P gale – | 50. |
| 20 Shares Domestic Stock | 100. |
| Odd times loaned me $25. | |
| of which I have no Mem. say 4 | 100. |
| Check sent me July 28th | 100. |
| 3 Months Board Cy | 120 |

3

Being a total of $753. 1876.
to which add Everything that
may have escaped my memory
and Every ~~thing~~ you have
paid for or for me during
my Stay at Menlo Park -
I want this for purpose of
record & entry in my Private
Book solely - in order that I may
as soon as possible make
proper returns for it - I am
not intending to dramatize
for the moment at all - I
simply express my obligations
for what you have done for
me - Put it on record - I
promise you now to pay it
all back with interest the
moment I can do so - Either
from a realization upon
Automatic or some interest

1876.

that you May have given
me — Again re- to the future
I hereby agree to look
Elsewhere for my living.
In consideration for all
of which I ask only that
you take me out of the
Catagory of those who
have fed upon your
Entertainment & hindered
rather than promoted your
Welfare, at least when
you are discussing me
With others — I cannot afford
to have this sort of stigma
precede me in my efforts
to get along in the world
Meantime Riff is going
to try & raise me enough
Money on the 56 shares of

My Colorado Stock to pay
my Board for one month -
during which time I
shall make constant Effort
to get some one to
make me an advance on
my Stock - so rapidly to get
this thing under way as to
bring me at least a
partial living.
You know by experience
what the Cost & inconvenience
of keeping one branch of
my family is - You can guess
readily enough therefore how
the row in Phil = originated. &
You may only ask yourself
how you would feel - to
understand my feelings tonight
- complicated as these circumstances
are - by the Conviction that

6

You as were so ~~[illegible]~~
have finally concluded
that "no hope is left in
me" & that while not
exactly ~~one~~ to be plainly
told so - yet one whom
I were safer to expect
evil things of & the part
of wisdom to seperate from
Nothing however
shall cause me to
foolishly quarrel with
you because you
happen to hold an
opinion of me different
from my own.

Yours Very Truly
C. J. Blum

52 Broadway New York 4/5/77.

My Dear Edison.

We must have some mucilage -
The Demand is for that white cork
& Spenses are on the Ink - Give us
some mucilage & pay for the Ink
We are getting out circulars -
Ad. in Herald brought nothing but
Customers - No agents who could take hold
of Ink - but one who has 50 men - who
will take hold of mucilage -
Come to my office tomorrow - & write out
a contract for your things - Annie

Will read it over - make it OK - & I will put it in final shape for you to sign.

We copied for Baird today 2 days business & have to copy another tomorrow -

Meantime they are using a fresh bottle of Ink - Concluded that they must have got some foreign stuff in the Ink they were using -

Yours

[illegible]

As you not Batch Can do
Nothing towards the current
Expenses of the office you must
promptly fill my orders for Bmac
Fifle, that I may keep Quitterlin
Who is paying for everything in
a good humor

You promised me some Postage
Stamps - I dont got em -

Batch says he knew nothing of my wanting
2 or 3 Boxes mucilage or I should have
had them - I wrote you -

No. 8

I had 56 Share of Colorado Stock
Which I thought worth 20 or 300 $ And
Away for my Baby - I Sent for it
& gave to Ribb to get me some money on
- It will not bring me 1 $ per Share -

Russell gave me final answer today,
"Cant get a cent for mine anywhere - not
Even $50. On my Whole $3000. of Stock
I cant ask Sutterlin to Board me &
run my Business too -
My present "fix" is the highest point
of tension - If nothing changes it will
I am yours Elk

**The American Novelty Company,**

THOS A. EDISON, *President.* E. H. JOHNSON, *Sec'y, Treas. and Gen'l Manager.*
J. E. SUITTERLIN, *Manager Stationery Department.*

52 Bway New York Jan 9/77.

T A E.

Everything I do or say is not an appeal for money hence my letter will bear some other than the interpretation you evidently put upon it. When you say I am not fair in expecting you to give me money when you had none — objection to your criticisms of me and an appeal from them is not an appeal for money.

Marshall Lefferts was "James" — was in Boston

# The American Novelty Company,

THOS A. EDISON, *President.* E. H. JOHNSON, *Sec'y, Treas. and Gen'l Manager.*
J. E. SUITTERLIN, *Manager Stationery Department.*

To see what your Lord
Salesman in England
would like to say you
- thinks he wasn't treated
right in the Electrical Pen
Matter - told him if he
would deal directly with
you he would have no
fault to find with his
treatment - thinks as himself
- Will be at my office
tomorrow -
General agent "Street" - he
is coming also to get a
price on 10 Gross Feb. Mus.
I should have to give retail
price 15 Cts - too high for
present package - but
Can't get profit enough

# The American Novelty Company,

THOS A. EDISON, *President.* E. H. JOHNSON, *Sec'y, Treas. and Gen'l Manager.*
J. E. SUITTERLIN, *Manager Stationery Department.*

3 any other way — may
lose me the sale - though
for the sake of the ad.
I will let him have them
at 5¢ if he will agree to
sell at 5 - or 2 for 25 -
telling him however that the
next will be 7.
Direct cable back 5 - if prints
today & send to Rye Beach -
all I had - sold the other 1
to Duane St. Stationer who
only said a customer had
ordered it - probably Sutterlin
Evi RD man

Mrs E J Allen

The American Novelty Company,

THOS A. EDISON, President. E. H. JOHNSON, Sec'y, Treas. and Gen'l Manager.
J. E. SUITTERLIN, Manager Stationery Department.

Fr Bdway N York Jan 10/99.

T A Edison Esq

My Dear Sir.

I am in receipt of a communication from U.K.B. at Washington intimating his ability to negotiate a quick cash sale of the new Embossers to the A.T.&T. Co. & asking me if I can secure from you an option on it for 30 days for that purpose. Says if it will do what I claim and I can very moderately in cash be done - he mentions $100,000 as the price probably obtainable - What do you think - Would it not be a good thing to give them

The American Novelty Company,

THOS A. EDISON, President. E. H. JOHNSON, Sec'y, Treas. and Gen'l Manager.
J. E. SUITTERLIN, Manager Stationery Department.

2

a chance at it? - I doubt not in view of the present status of instrumentation they are solicitous of securing something outright.

I call your attention to this because I have before thought it was the part of wisdom to get a proposition from both parties - Of course any from A.T.&T. should be on a basis of cash (C.O.D.) While from U.K. - your Royalty plan is probably the best.

Truly Yours

E H Johnson

The Mercantile Agency.
Dun, Barlow & Co.
335 Broadway. New York 18

JANUARY 24 77.

AMERICAN NOVELTY CO

53 BROADWAY NEW YORK CITY.

DEAR SIRS

WE HAVE YOUR CIRCULAR IN RELATION TO EDISONS DUPLICATING INK IF IT ANSWERS ALL THE PURPOSES IT CLAIMS, WE MAY MAKE A LARGE USE OF IT IN TIME. PLEASE TELL US IF THE INVENTOR OF THIS IS ALSO THE INVENTOR OF THE ELECTRIC PEN. COULD YOU URGE UPON HIM THE USE OF THIS INK ON THE TYPE WRITER. IF WE COULD GET REPORTS WRITTEN WITH IT IN THE CONDENSED SHAPE OF WRITING DONE BY THE TYPE WRITER WE SHOULD USE IT LARGELY

TRULY YOURS

(Illegible)

Reply Refs & Thos A Edison for definite information - If a sample of Ink applicable to this purpose can be sent us early we think it will be advantageous to accommodate them hereafter

Yours &c

(Illegible)

The American Novelty Company,

THOS A. EDISON, *President.* E. H. JOHNSON, *Sec'y, Treas. and Gen'l Manager.*
J. E. SUITTERLIN, *Manager Stationery Department.*

52 Barcy N York Jan 27/97

Mr F. A. Bailey

Dear Sir.

In compliance with the request of Mr Edison, who advises me you desire to canvass somewhat in New Jersey for our Ink &c I herewith hand you a Package which I fill to your as per enclosed Memoranda —

The Circulars in the package have the retail prices & are for general distribution — I am short of Ink Circulars at the moment hence the small supply sent you. The trade Circulars enclosed

The American Novelty Company,

THOS A. EDISON, *President.* E. H. JOHNSON, *Sec'y, Treas. and Gen'l Manager.*
J. E. SUITTERLIN, *Manager Stationery Department.*

herein indicate the prices we sell to the trade

On all orders you may hand us above 1/4 Gross Ink or 1/2 Gross Mucilage we will fill to you 50% discount & 5% off for cash, which gives you a good margin of profit on Wholesale Orders & a considerable margin on any you may sell to the Consumer

Yours

E H Johnson

Gen'l

[ENCLOSURE]

# THE AMERICAN NOVELTY COMPANY,

**52 Broadway, New York,**

*Proprietors*

# Johnson's Ribbon Mucilage.

THIS IS A NEAT, HANDY, AND VERY EFFICIENT SUBSTITUTE FOR LIQUID MUCILAGE.

A long narrow tape of paper is gummed on *both sides* with the same material as used on postage stamps, put up in a neat box having in its edge a slot from which projects the end of the ribbon, or tape. When a piece is required, the requisite length is drawn out and broken off. The gumming of both sides, of course, makes it practically a ribbon of gum—or mucilage—and to use it for any purpose whatever as a substitute for mucilage it is only necessary to moisten it on the tongue and insert between the papers which it is desired to fasten together.

It is superior to liquid mucilage in the following particulars:

1st.—It is always neat and handy.

2d.—It contains only the moisture gathered by contact with the tongue, and will not therefore cause the paper to crumple as does the liquid mucilage, which is necessarily largely composed of water.

3d.—It will adhere more quickly and firmly, there being less water to evaporate than in the case of liquid mucilage.

4th.—It is always ready for use, and is not subject to different degrees of consistency and an almost universal unreadiness for use.

5th.—It acts so quickly, and is so neat, that it fills some wants which mucilage cannot; as, for instance, tacking together a number of sheets of a written document, for which brass tacks, or pins, are now used.

6th.—For numberless trifling purposes, requiring haste, of not sufficient importance to warrant the slow application of a mucilage brush and pot, this ever ready and handy material will make its value felt.

7th.—No matter why! But where and when did anyone ever see an orderly, well behaved mucilage pot and brush in a private family? And who has not had painful experience of such absenteeism? Now the remedy for this distressing state of things is clearly in something which, while cheap and always ready, can be thrown into the sewing machine drawer, "my lady's" toilet case, the housekeeper's pocket, or the chambermaid's mysterious receptacle; one box in each for convenience of access.

A moment's thought and a personal examination and trial of the ribbon mucilage will take the glamour of jest off the 7th recommendation and clothe it in the habiliments of sober truth, when it will be readily seen an immense unoccupied field is open for this valuable invention to enter.

**GIVE IT A TRIAL.**

**Price per Dozen, $1.50. 40 per cent. Discount to Trade.**

[ENCLOSURE]

**MEMORANDUM.**

FROM

The American Novelty Company,

MANUFACTURERS OF

EDISON'S DUPLICATING INK,

JOHNSON'S RIBBON MUCILAGE

And numerous other Useful Articles of Small Cost,

**No. 52 Broadway, New York.**

Mr T A Bailey
Care Chas Batchelor
Menlo Park

New York, January 27 187

Dr To. 1/2 Doz No 1 Dark
@ $6.00 per Doz = $3.00
1/2 Doz No 2 "
@ $3. per Doz = 1.50
$4.50
Less 40% = 1.80 $2.70

Chgd

# The American Novelty Company,

THOS A. EDISON, *President.* E. H. JOHNSON, *Sec'y, Treas. and Gen'l Manager*
J. E. SUITTERLIN, *Manager Stationery Department.*

52 Broadway N York Jan 24 1897

My Dear Edison

This is due tomorrow
Please provide it for
me. It is absolutely
impossible for me to
provide it - My Paper
& Metalic Collaterals are
in good -

Yours E H J

Good mail & Inquiry today
St Paul Minn
Columbus O.
Bennington Vt.
} Send for Samples
Meeting

2 or 3 City Customers Drop
& get Samples &c

Shortt & Cameron
My & Bentley

# The American Novelty Company,

THOS A. EDISON, *President.* E. H. JOHNSON, *Sec'y, Treas. and Gen'l Manager.*
J. E. SUITTERLIN, *Manager Mutoscope Department.*

52 Bdway New York 7/1/97.

My Dear Edison

Letter never when time -
I sold ward today 1/2 gross
Reas so v low - I had to
give him this to make the
sale today & in consideration
of the fact that I sold him
21 # work at retail - & that
he is going to give me a good
letter - with which I am
going to "lever" my way
into offices - the Penn & R R
Erie &c - both of these concerns
have sent for me & I'm going
to devote myself to them tomorrow
Hope to get them both
If I get Whittaker at
Pier 38. It's so good

The American Novelty Company,

THOS A. EDISON, *President.* E. H. JOHNSON, *Sec'y, Treas. and Gen'l Manager.*
J. E. SUITTERLIN, *Manager Stationery Department.*

2

As got the whole PKR as
he has been with them
20 years & is known by
them all - His endorsement
will be the biggest card
possible to obtain & I take
that English thing along -
I paid the rent $10
& my Board past due 20.
& a bill that has
been haunting me 10
& got left 8.60
$48.60
being the amt. Recd
notwithstanding the big Dis.
I have the Dif. between
15.60 & 48.60 as a profit
Less Our 1/3 Exp. & per Cent
Our Boston Drummer

The American Novelty Company,

THOS A. EDISON, *President.* E. H. JOHNSON, *Sec'y, Treas. and Gen'l Manager.*
J. E. SUITTERLIN, *Manager Stationery Department.*

3

Sends an order for
1/4 Gross Rib. Nuc.
1/4 Doz No 1
1/4 " No 2

says "Afraid it was difficult
to get the trade to take hold
of your Goods but I hope
for better luck Week - I am
not discouraged yet" &c.

The agent (Canvassing) of
the Self Copying Book Co.
in the other Day & I showed
him what we had - told me
he came in agent 7 years
& went to work for us

New York Feby 13/77

My Dear Edison

So to Answer that [illegible]
get Even the [illegible]
of a sight of Bill
Where is he. Give your
Bro. a good line. Tell
of you he asks [illegible]
I want to answer the Petition
letter without reference to
the W.E. question. If you
think advisable do not the
I want to engineer it a
a to make a good show
for when I get a Com
to help me along here.
Do send it to you but
can explain so much
better verbally but I
want to do it in that way
Marcellus also has a

Customer who wants a Pen
& wants to find out how
he can get his Commission.
Russell also wants a Pen
from you at Wholesale price
for use of a young nephew
of his. In fact I want
to fix up an arrangement
for selling their Pens &
getting my Com. I have
numerous applications

---

We got the biggest boy in
the Country yet.
I got one splendid sample
of 45 Sheets of Letter Paper

---

Want some more Mue.
On my last order for
10 gross — C.H.J.

52 Broadway New York 7/4/77.

My Dear Edison

Please send me a small quantity of the Automatic Receiving Paper (inuent) I think it is just what I want to copy on in place of the tissue and of the Englishman Transfer Paper

I am going to get up a Official Copy Book of this Paper for those who want it.

Yours E. H. Johnson

*Drawn of the Pelham Paper - to take place of tissue.

Mr Edison Yours received this a. Official Copy Book. Thought I said double the price

E.H.

52 Broadway N York 2/14/77.

My Dear Edison

Please send me a small quantity of the Automatic Receiving Paper (uncut) I think it is just what I want to copy on in place of the tissue and of the Englishman's transfer paper I am going to get up a special Copy Book of this Paper for those who want it.

Yours E. J. Shearman

This letter on dry paper

52 Broadway N York 7/4/77.

My Dear Edison

Please send me a small quantity of the Automatic Receiving paper (uncut) I think it is just what I want to copy on in place of the tissue and of the Englishmans transfer paper I am going to get up a special Copy Book of this Paper for those who want it.

Yours E K Phinney

Know this for high Ar. Paper a little transferred

52 Broadway N.York 7/4/77.

My Dear Edison

Please send me a small quantity of the Automatic Receiving paper (Vincent) I think it is just what I want to copy on in place of the tissue and of the Englishmans transfer paper I am going to get up a Special Copy Book of this Paper for those who want it.

Yours E K Dunning

Mr. Jos. Bush. Paper Trade desk

52 Bdway NYork 7/4/77.

My Dear Edison

Please send me a small quantity of the Automatic Receiving paper (uncut) I think it is just what I want to copy on in place of the tissue and of the Englishmans transfer paper I am going to get up a Special Copy Book of this Paper for those who want it.

Yours E. J. Chesney

This 4th Copy Retd

52 Broadway N York 7/4/77.

My Dear Edison

Please send me a small quantity of the Automatic Receiving Paper (Unent) I think it is just what I want to copy on in place of the tissue and of the Englishmans transfer paper I am going to get up a Special Copy Book of this Paper for those who want it.

Yours E H Johnson

Mr. Tom Coffin Title Director

52 Broadway NYork 7/4/77.

My Dear Edison

Please send me a small quantity of the Automatic Receiving Paper (Incent) I think it is just what I want to copy on in place of the tissue and of the Englishmans transfer paper I am going to get up a special Copy Book of this Paper for those who want it.

Yours E. J. Phelps

Mr. 6th Copy
Book Marked
Pilotted as usual

52 Bleecker N York 7/4/77.

My Dear Edison

Please send me a small quantity of the Automatic Receiving Paper (uncut) I think it is just what I want to copy on in place of the tissue and of the Englishmans transfer paper I am going to get up a special Copy Book of this Paper for those who want it.

Yours E K Johnson

This is a Copy Ditto.

I want to go home to die before I part with my hair — you see it has not left me yet —

52 Bdway NYork 7/4/77.

My Dear Edison

Please send me a small quantity of the Automatic Receiving Paper (uncut) I think it is just what I want to copy on in place of the tissue and of the Englishmans Manifolding Paper I am going to get up a Special Copy Book of this Paper for those who want it.

Yours

E. J. Hudson

This 8vo Copy incites me to make you 10 —

52 Broadway N York 7/4/77.

My Dear Edison

Please send me a small quantity of the Automatic Receiving paper (uncut) I think it is just what I want to copy on in place of the tissue and of the Englishman's Manifolding paper I am going to get up a Special Copy Book of this Paper for those who want it.

Yours Ed. Johnson

Mr. Jno Copy decide me. Will make another

52 Bibury N York 7/4/77.

My Dear Edison

Please send me a small quantity of the Automatic Receiving Paper (uncut) I think it is just what I want to copy on in place of the tissue and of the Englishmans transfer paper I am going to get up a Special Copy Book of this Paper for those who want it.

Yours

E H Johnson

10-Apr. 1877

The American Novelty Company,

THOS A. EDISON, *President.* E. H. JOHNSON, *Sec'y, Treas. and Gen'l Manager.*
J. E. SUITTERLIN, *Manager Stationery Department.*

52 Broadway New York 7/10/77.

My Dear Edison.

I think Suitterlin is about to withdraw - He has not been at the office for any practical purpose for a week He has said nothing to me, nor I to him. But the above is my conviction - & I am glad of it. As with only the 2 articles we have on hand & the strong probability that we shall have no more for some time the thing work overwork me - & all save his com.

This is the result I expect of my having no money I presume when he

The American Novelty Company,

THOS A. EDISON, *President.* E. H. JOHNSON, *Sec'y, Treas. and Gen'l Manager.*
J. E. SUITTERLIN, *Manager Stationery Department.*

2

found such was the case he concluded it would not be safe for him to risk much & hence his withdrawal - However I'm glad of it for more reasons than one & hasten to inform you. Pending the receipt of some funds in the treasury I am compelled to simply make use of such channels as come to hand I can't go out for them that is I can't ad. for agents canvassers &c the 2 or 3 that I have out give indications of doing well - & I should like to put an ad. in

The American Novelty Company,

THOS A. EDISON, *President* E. H. JOHNSON, *Sec'y, Treas. and Gen'l Manager.*
J. E. SUITTERLIN, *Manager Stationery Department.*

3/ the Herald for a week for Travelling Agents & See on Com. & for City Canvassers. I find these 2 Classes are the only Ones who accomplish Anything -
Another thing which operates bad for me is this -
All good sold to the trade are on 30 Days to orders for the time being simply till me of my stock & bring me No returns.
Nothing from Detroit yet.
I have withdrawn the ad. from the Stationer & from Harpers - & shall put No more in until we

The American Novelty Company,

THOS A. EDISON, *President.* E. H. JOHNSON, *Sec'y, Treas. and Gen'l Manager.*
J. E. SUITTERLIN, *Manager Stationery Department.*

4/ Change our name which I strongly recommend doing at once - I have proposed what I think a good one - & Ruff says "top top" - viz.

The
Electro Chemical & Mechanical Novelty Company
Thomas A. Edison, Pres't. E. H. Johnson, Sec'y & Gen'l Mgr.
52 Ellery N York 77

How does it look?
There is no question but such a name will give us Prestige while our present one only gives suspicion
Come Up
Yours E H Johnson

# NEW JERSEY EXPRESS COMPANY,

EXPRESS FORWARDERS.

No. 1. [DOMESTIC BILL OF LADING.] April 30 1877

RECEIVED of L. A. Edison

1 Box 1 Box VALUE

For which this Company charges

Marked Electric Chemical Mfg Co

Newark

Which it is mutually agreed is to be forwarded to *our Agency nearest or most convenient to destination only*, and there delivered to other carriers to complete the transportation.

It is part of the consideration of this contract, and it is agreed, that the said Express Company are Forwarders only, and are not to be held liable or responsible for any loss or damage to said property while being conveyed by the Carriers to whom the same may be by said Express Company intrusted, or arising from the act of God, Casualty, Accident, Fire, Steam, Fire in Stores, Depots, or in Transit, Leakage, Breakage, or from any cause whatever, unless in every case, the same be proved to have occurred from the gross negligence of said Express Company or their servants; nor, in any event, shall the liable hereof damaged beyond the sum of Fifty Dollars, at which the article forwarded is hereby valued, unless a higher value be specified in the receipt, which insurance shall constitute the limit of the liability of the New Jersey Express Company. And if the article is forwarded on delivery, the Express Company or Agent (which said New Jersey Express Company are hereby authorized to do), such Company or person so selected shall be considered exclusively the agent of the shipper in such does little, and the New Jersey Express Company shall not be, in any sense, responsible for the negligence or non-performance of any such Company or person, and the shipper and owner hereby severally agree that all the stipulations and conditions in this receipt contained, shall extend to and inure to the benefit of such and every Company or person, to whom the said Express Company may deliver the above-described property for transportation, and shall define and limit the liability thereof of such other Company or person. In no event shall the New Jersey Express Company be liable for any loss or damage, unless the claim therefor shall be presented to them in writing at this office, within thirty days after this date, in a statement to contain the date of shipment, the number of packages, the weight, the amount of the claim, or so much of it as may be known, and the shipper agrees that the Company shall not be held responsible for any injury to Glass or otherwise, nor for damage to goods not properly packed and secured for transportation. It is further agreed, that said Company shall not, in any case, be liable for any loss or damage occasioned by the act of any Civil or Military authority, or by Solicitor, Payer, Consignee or Hirer, or the damages incident to a time of war, or by any riotous or armed assemblage. If any of the above-mentioned property, for transportation, is to be collected from the consignee on delivery of the above-described property, and the same is not paid within thirty days, the Company claim the right to return the above-described property to him at the expiration of that time, subject to the conditions of this receipt, and that he will pay the charges for transportation both ways, and that the liability of this Company for such property while in the possession for the purpose of making such collection, shall be that of Warehousemen only.

*For the Company,*

FREIGHT

(American Nimmy Co.)

This agreement entered into this ____ day of June 1877. By and between the Electro-chemical Manufacturing Company of the city, county, and state of New York party of the first part, and George H. Blair of Chicago, Cook Co state of Illinois, and Chas E Holland of Hancock, Houghton County State of Michigan parties of the second part witnesseth, —

Whereas the said party of the first part is the possessor of and has the sole right in perpetuity to the manufacture and sale of Edisons Duplicating Ink, and has already established a trade in the same and has caused it merits to be made known through public journals, and otherwise, and

Whereas the said parties of the second part are desirous of having the said business of selling and having manufactured the said Duplicating Ink transferred to them for their sole & exclusive benefit, ~~for the period of the term~~.

Therefore be it agreed. That for and in consideration of the ~~payment of the~~ sum of one dollar in hand paid

by the said parties of the second part to the said party of the first part the receipt of which is hereby acknowledged & for further & other valuable considerations hereinafter mentioned the said party of the first part does hereby transfer ~~and grant~~ to the said party of the second part the sole & exclusive license to sell & have manufactured Ewart's Duplicating Ink for a period of 5 years from the date hereof upon these conditions;

The said parties of the second part shall pay to the party of the 1st part on the fifteenth of each and every month during the continuance of this contract, a royalty of fifteen per cent of on all sales of such ink or apparatus, connected therewith or articles which are subsidiary to or are sold in connection or to be used in connection with such Duplicating ink. and such percentage shall

be reckoned from the retail price of such ink, apparatus, supplies, subsidiary articles connected and used in connection with such ink,

2nd That the said party of the 2nd part shall use energy and due diligence in establishing a permanent business in selling such Duplicating Ink and subsidiary apparatus, and make true and just returns under oath on the first day of Every year of all sales of the articles above mentioned,

It is further agreed that the ~~of above on the part of the said parties~~ contract may be extended for its expiration for another year and from year to year thereafter upon ~~[illegible]~~ said terms of the 2nd part giving the said party of the 1st part 60 months previous notice, providing the said parts of the 2nd part

**1877. Edison, T.A. - General (D-77-002)**

Correspondence, some by Edison; agreements, account (1875-1877).

A few early references to the electric light and the phonograph can be found in this folder.

Not selected: page of doggerel.

4

Statement in full to Newark, N.J., Jan 1st 1877

T A Edison

Bought of J. T. MURRAY,

MANUFACTURER OF

Telegraph Instruments,

Nos. 10 & 12 WARD STREET.

| 1875 | | | | $ | | $ | |
|---|---|---|---|---|---|---|---|
| | | | | Dr | | Cr | |
| July | 16 | on a/c of outstanding Bill | | ~~2050~~ | | ~~2050~~ | |
| Oct | 15 | by cash | | 500 | | 500 | |
| Jan 76. | 30 | by check A & P. Kirk rent | | 218 | 76 | 500 | |
| | | by Bill of A & P. Quadruplex | | 860 | | 539 | 72 |
| april | 15 | by Acoustic W Union Bill | 1/3 | 1465 | | 1.000 | |
| | | by Bill | 1/2 | 346 | 57 | 1.000 | |
| Jan | 1 | by Bill | 1/1 | 149 | 80 | 1.000 | |
| | | | | | | 1.000 | |
| | | | | | | 1.000 | |
| | | | | | | 1.000 | |
| | | | | | | 1.000 | |
| | | | | | | 1.000 | |
| | | | | | | 1.000 | |
| | | | | $4.595 | 07 | $2,589 | 72 |

465 was Bill 275 Quadrupleex + 190 " 155 " 20 including pr. clean + pr. pen market

9 mos got 2 Bills 275 + 150, the 465 9 mos got you must have credited it

The Outstand Bills

SEAMLESS AND DOVE-TAILED PAPER BARRELS,

FOR FLOUR, MEAL, SUGAR, LIME, PLASTER, CEMENT, FRUIT, AND ALL DRY PACKING.

Secured by Royal Letters Patent.

New York Feby 8th 1877
P O Box 4013

Thos Edison Esq

Dear Sir

I have sent you the copy of book & note as suggestive which I have use in your map.

I have written Mr Thomson who is now making the paper Barrel, asking to have some packages sent you and if in any way a compound can be made of simple cost - by the use of which the packages will be made liquid proof it will be quite valuable -

As the matter of the Electric Pantograph a sample of work from which I schemed for - you might quietly look in at 172 Pearl place - when the Inquiry Side Office is - and see if ad work, I am quite pleased with it - and somewhat disposed to buy it - Work I should highly estimate from experiment in the matter - should you so do it would perhaps be a note not to use my name - One point I particularly want to know - and that is - if any liquid can be made, which being used as an ink - or to produce characters and forms upon paper - would cause the magnet to act on the pantograph pointer as the pointer passes over the tracing - I mean some material which could be made in a liquid form and which when put upon paper would break the circuit - Not a paper type an ink - or any metal which will act - but the question the necessity of actually producing the form from which the transfer depending is made

I fear I am a little muddy about this - but you quick intelligence will doubtless comprehend it - I shall be out of town until next week Monday - after that when you are in the city I shall be pleased to know it. and see you.

Yours Truly Amos Merson

*SEAMLESS AND DOVE-TAILED PAPER BARRELS,*

FOR FLOUR, MEAL, SUGAR, LIME, PLASTER, CEMENT, FRUIT, AND ALL DRY PACKING.

**Secured by Royal Letters Patent.**

In Parks Patent No 1313 = (1865) now public property. I find "Benzole the Ordinary Volatile Solvent most suitable for use by the addition of Camphor and to 150 parts of Pyroxylin Mixture with the Ordinary Solvent - After this I find Solvent is Expedient by Rectifying Spirits I add No to 50 parts of Propanol Mixt Benzole & Chloroform & I add No to 50 parts of Camphor - This Mixture I prepare in Jelly by Propanol Warmed by Steam Admitted into them - The powder is continued until it is well combined as a dough or paste

This Preparation when made to a suitable Consistency I can employ for coating Telegraph Wire by placing it in a closed vessel with suitable apparatus for passing the Wire through - And I force air thro Mixture on to the Wire"

What is meant by the term "Ordinary Volatile Solvent"?

I suppose there can be no doubt that Alcohol would be classed as an "Ordinary Volatile Solvent" now suppose this Solvent and the Pyroxylin Mixed with it - then 50 per cent of Camphor added and the compound passed through rolls heated by steam and pressure until well combined as a dough or paste - And then placed in a closed vessel - up to this point it would be practically the process used for making Celluloid And such process is identical with the Vacolite Patent of Parks of 1865. And hence this process a such could not be protected now by a Patent of later date - My Lords in this the Celluloid Patent can only cover a Mixture of Camphor Gum or other Solvent which become active under Heat and Pressure - Both Pyroxylin & a Pressure - And the Mechanical Arrangement as set forth in Patent No 3101 - (1872) (And which practically means four Stuffing Machines and Pressure for drying out the Celluloid after mixing with Camphor) Now up to this point I agree with Johnson that this process is new and the proper subject of a Patent - And then comes the all important question

it is practicable - Can you with safety work without the use of Alcohol or some other solvent which would become active without heat & pressure

x x x Spelt to evidently confine strictly to the use of Non Volatile Solvents in producing compounds of Cellulose - To me it seems now not so much a question of Any issue with Mr Spelt as to his patents and Yours - As to the question whether Parks patent which - Antecedents Know - do not make Public property Your patent for how to use Alcohol - or other Volatile Solvent -

Spelt Can - Suppose question was Non Volatile Oil - and Continue the manufacture of Cellulose under his patents - And he can certainly use Camphor and Alcohol Matter Public property by the Parks patent - You can doubtless work your patent for the manufacture of Cellulose by the use of Camphor from a other solvent which become Active under heat and pressure - & you can use Camphor and Alcohol a public property as exposed by the Parks patent - hence again I say the whole question hinges on the commercial feasibility - of making Cellulose under your Patent - No 2101 - (July 18/70)

Cost of making 10 lbs Cellulose

| | | | |
|---|---|---|---|
| 10 lbs Paper dry weight | @ 24. | | 2.40 |
| 45 " Nitric Acid (Average) | " 8 | | 3.60 |
| 115 " Sulph " | " 2 | | 2.30 |
| 5 " Gum Camphor (60 % on weight of Paper) | " 30. | | 1.50 |
| 45 " Alcohol (33⅓ " " " " | " 30° | | 135 |
| Payment Washing Acids etc | | | 50 |
| Labor on Acids & Converting Gum | | | 2.00 |
| | | | $13.65 |

An Average of 65 cts for lbs -

The Camphor Alcohol and Payment can be calculated by weight of Labor Paper

OFFICE PHILA. INQUIRER
FEB 9 1877
WASHINGTON, D.C.

My dear

The map & letter came to hand, will have the Lecy fix it. The first time I can get his ear long enough to make him understand it.

I don't get any authority from you on auto's - you ought not to have tied R - Why you wanted his figures - He wants let everybody help him unless he is allowed to first spoil their plans! You can fix things. He never will!

Yours
W. H. Painter

OFFICE OF
**New York Paper Barrel Co.**
7 & 9 Hoboken St., NEW YORK. 91 West Fayette St., SYRACUSE, N. Y.

New York February 15th 1877

Thomas Edison Esq

I will send you a Pail & 1/2 Bale for you to test. On the Swindle I hope you may be successful in finding something that will be durable & cheap -

You will see yet to my first letter as a more full Explanation I have tried to get the Express here but find they dont know the price. Please inform me what you have to pay & I will remit to you

Yours Respectfully
J. L. Thomson

Syracuse N.Y.

OFFICE PHILADELPHIA INQUIRER
FEB 28 1877
WASHINGTON, D.C.

My dr C

I never said you never lost anything in auct! Who says I did? Hurry up the letter you post Hurrah! as I can get the return of present Fee of War! I see H&P is fighting as 10 War points for Me! Some you are up at 10 head as you ought to be & wished have been if JC R had taken my advice!

Yr W H Tucker

OFFICE OF

# New York Paper Barrel Co.

59 Hoboken St., NEW YORK. 91 West Fayette St., SYRACUSE, N. Y.

New York, Feby 28th 1877

L. A. Coburn.

Dear Sir. Your favor at hand. A cheap paper for lining our packages, that will accomplish what you state. Could probably be made to answer if it possesses no offensive odor, or will impart none

Used largely for prepared Cereals, refined sugars, etc. etc. packs. Must be entirely inodorous

A better thing is for our Chest of Tea board to be thus prepared. This is a very important matter, and about which we would like to confer with you when convenient, may suit your convenience to call at this office - in which case it will be well to send notice day previous

Hoping you may soon find it convenient to call

We remain Your Ob Svt
New York Paper Barrel Co
Per J. E. Poole Secy

# New York Paper Barrel Co.

*Office,*
7 & 9 HOBOKEN ST.
NEW YORK.

*Factory,*
91 W. FAYETTE ST.
SYRACUSE, N. Y.

Syracuse, N. Y. 187

Thomas A. Edison Esq
My Dear Sir

Yours of the 16th was forwarded to me here. In reply will say I sent you from New York to Menlo Park N.J. a Pail & a ½ Bale the Pail will be used most for Water the ½ Bale will be very for Oils, Wines &c.

Something Celestine like Celluloid I think would be preferable as the Paper is thin & Celestine and any ordinary Varnish would Crack when the Packages were Strung or handled Roughly —

I shall hope for my Syracuse Mr A. G. Johns [illegible]

New York March 15th 1877.

Thomas Edison Esq.

My Esteemed Sir

Your letter

of Feby 26th came to the New York Office I was in Syracuse I shall remain here this Summer Your Sample Waterproof Paper underneath of Wooden is an Excellent thing & I should be pleased to have Enough of it for a test can the paper or material you treat with be decolorized It must be Sweet + Pure free from Odor &c.

In my mind what would be more valuable to the Success of the "Phys" for Legs would be some durable Cement for out side + Inside a heavy Coat Elastic If possible and very hard + durable something like Asfelt + Sand something after the Combination of Pavements used in Paris only of Light Color for in side + a Color Similar to the out side of Pig Skin for hose for the out side. Any such thing that would make the Bals" Strong Stiff + Strong would be valuable Even for out side of our Present Dry Bals.

The trouble now with our full Bales for flour Sugar & all heavy weights the Bale is to light & not Strong Enough for rough handling. Any Step Cement that can be put on to accomplish this result will be very Welcome.

Only Samples of Packages or of the Bounce will be sent from St. for dainer St. for Dry Packages Keep in view Chepness & only for Out Side finish. but for liquids an Expense of Even 50 cts. for full Bale can Stand it.

Please keep me posted and when you desire it I will invite you.

I saw Mr. Mason on the 8th at his House in Bellmonday he was quite well we discussed your ability quite fully he has great Confidence in your being able to accomplish what I want —

Yours most Respectfully

J. L. Thomson

No 7 & 9 Hoboken St New York —

Executive Office

Western Union Telegraph Company

A. R. Brewer, Secretary.

New York ~~March 22~~ 187?

~~Thos. A. Edison Esq.~~

~~Menlo Park N.J.~~

Dear Sir:

~~Enclosed please find copy of the contract between this Company and yourself duly executed on the part of this Company.~~

~~Very respectfully~~

~~A. R. Brewer~~

~~Sec'y~~

Form No. 1.

**THE WESTERN UNION TELEGRAPH COMPANY.**

The rates of this Company require that all messages received for transmission, shall be written on the Blanks bearing of the Company, and be subject to the conditions printed thereon, which conditions have been agreed to by the owners of the following message.

WILLIAM ORTON, Pres't. A. B. BREWER, Sec'y. } NEW YORK.

Dated New York May 25 1877

Received at Menlo Park

To Thos. A. Edison

I reach to see you tomorrow (Friday) Five O'clock without fail I dont for you only a minute after you had left

Wm Orton

---

*The Central District and Printing Telegraph Co.*

OFFICE, FIRST NATIONAL BANK BUILDING,

*Corner of Fifth Avenue and Wood Street,*

*Pittsburgh,* May 14th 1877

T. A. Edison Esq

Very dear Sir -

I asked Phelps about the double automatic arrangement & he I should go, but he discouraged me in the matter, saying that there was nothing in it - Can't you make a deal of it - We have no facilities here for manufacturing -

If you decide to send me samples of transmitters please send me copy of your patent papers -

Yours truly

J. G. Paine

16 Broad St.
14 May 77.

Friend Edison.

Preece was here this morning he has fixed Friday next, he wants a good day with you. What trains had we better start & return by. Tell me the times of all the trains. In haste.

Yr truly
G G Ward

Reading Pa.
May 16th 1899.

T. A. Edison Esq.

Dear Sir.

I send you by mail today a copy of my treatise on Lightning Protection, which is issued for the purpose of effecting a radical change and improvement in lightning conductors.

You will notice that I recommend the employment of metal roofs, rain-pipes and other suitable metallic conductors about buildings for effecting proper protection and I think you will, upon a careful perusal of the work, agree with me that they will effect absolute

protection when employed in connection with the perforated iron pipes, etc. as therein suggested.

In order to fully convince the public that the said system of metallic conductors can be relied upon to effect proper protection, I am desirous of procuring and presenting the opinions of the prominent electricians thereon. If you can consistently furnish me with a favorable opinion, you will greatly oblige me,

Yours respectfully
H. M. Spang
Asst Supt.
Philada, Reading & Atlantic Ry. Co.

[ENCLOSURE]


JUST PUBLISHED.

By CLAXTON, REMSEN & HAFFELFINGER,

624, 626, & 628 Market St., Philadelphia.

A PRACTICAL TREATISE ON

# LIGHTNING PROTECTION.

By HENRY W. SPANG.

*With Illustrations. 12mo. cloth, $1.50.*

The publishers will send copies by mail, postage prepaid, on receipt of price.

It contains information of interest to every scientist, electrician, architect, builder, tinsmith, gasfitter, manufacturer, farmer, and property owner. It gives the principal known facts in reference to the electricity of the atmosphere and earth, and the lightning discharges which take place between them.

It demonstrates that the electricity of the earth is principally accumulated in the subterranean water-bed, and shows that nearly all the lightning rods or conductors now erected cannot be relied upon for the easy passage of heavy lightning discharges, owing to the small quantity of metal they contain and the dry condition of the earth around and beneath their lower terminals.

It gives plain and explicit directions for the proper protection of buildings of every description, ships, oil-tanks, steam-boilers, wooden bridges, telegraph poles, etc.

It proves that the metal roofs, rain and gas pipes, iron fronts, stacks, etc., about buildings are much better conductors of lightning discharges than the lightning rods with polished points, etc., as heretofore employed, and if properly connected with the earth will effect absolute protection.

It shows a simple and reliable method by which the rain and waste water can be utilized to always maintain an easy path in the earth for lightning discharges, and thereby enable buildings and other structures to be properly protected.

The Central District and Printing Telegraph Co.

OFFICE, FIRST NATIONAL BANK BUILDING,

Corner of Fifth Avenue and Wood Street,

Pittsburgh, May 17th 1877

My dear Edison –

It occurs to me to say, that if you have made better and patent for that Repeat discovery, you could be wise not to –

It would be far easier to keep the thing secret, than to find parties who might infringe –

Yours truly

E. A. David

Newark N.J. May 17th 1877

Mr T. A. Edison Menlo Park.

I have received your checks to the amount of $150.00 and cashed them yesterday. Being all out of funds. I hope the ballance will follow speedily.

If Murray wants to get his plates out good and true, he could get them done by Pool; he has a machine that will do it by way of gears.

My man will soon come to see you about the Punch press.

Respectfully yours

Chas. Wirth

Received this day from T. A. Edison at Menlo-Park N.J. the sum of one hundred and fifty dollars on account of note

Newark N.J. May 15th 1877

Chas. Wirth

# Society of Telegraph Engineers.

4, BROAD SANCTUARY,

LONDON, S.W.,

15 May 1874

DEAR SIR,

*I beg to inform you it has been decided by the Council that the Local Honorary Secretaries shall for the future be empowered to collect the Subscriptions of Members resident in the Country over which their Honorary Secretariat extends.*

*I shall feel obliged, therefore, if you will be kind enough to cause your Annual Subscriptions to be paid to* Geo Ward Esq. 16 Broad St. New York *until further notice.*

*I avail myself of this opportunity of directing your attention to the Arrears now due from you, amounting to* £3 *which should be paid at once, as above.*

*I am, dear Sir,*

*Yours faithfully,*

Paul Maudit

*Secretary.*

To Thos Edison Esq

Menlo Park ~~Newark~~ N J

Received 3 July 1874

Reply 21 July 1874

OFFICE OF

**New York Paper Barrel Company,**

38 RENWICK STREET.

New York, May 24th 1877

L. A. Simon Esq

My Dear Sir

I have this day sent you with this letter some Pieces of Heavy board for Experiment I was very sorry I could not see you when I was out with Mr James.

If you can practically make glue Impervious by some chemical change I know of nothing so well adapted for heating chuff of this fiber. Still you Experiment with what you are a mind to. What I want is a perfectly Impervious material chuff & durable that will be practical & true for all Styles of my Packages for Spices. I will try & see you when you have the Experiments done you would like my advice about them Yours Respectfully A. L. Brownson

Robert. D. C.

# Office of Roberts & Co.

General Agents for the

## New Era Grain Graders & Cleaners

58 SOUTH CANAL STREET.

Chicago, Ill., May 28 1887

My Friend Edison.

I came across your name for the first time in several years the other day in an Electrical pen and my thoughts turned back nearly half a score of years ago to the little office at the head of State street Boston where we were planning to make Rome howl - I presume you have - I know I havent. - and Rogers where is he. It was a big day for us when we got a machine into a Banking House in State street. Do you know Jack Wright address, I have a little balance for a lot of furniture against him and now I need it - How about our Vote Recorder have you ever done anything with it and the Gold & Stock Instrument that was

going to make our fortunes. I run
across the assignments the other
day — Couldnt something be done
with them — was it a mere waste
of brain tissue and greenbacks.

I would really like to hear from
you but would prefer to see you
if you wouldnt overshadow one
nowadays — I am stopping at the
W. U. Tele. Co working nights and
doing a little something with a
grain seperator during the day — I
was confused to find Swads, Dupl
Telephones and all the other pickings
as I hadnt been in an office for 8
or 9 years and of course the first
thing they done was to put me on a
Quad — I wont weary you any larger

Truly Yours

D. C. Roberts

(as used to be Bob)

No. C. Roberts
To Emporia Kansas
2-5-87

The Central District and Printing Telegraph Co.

OFFICE, FIRST NATIONAL BANK BUILDING,

Corner of Fifth Avenue and Wood Street,

Pittsburgh, May 29th 1887

Friend Edison -

I have been making some investigations in the Gamble business, and am frank to say that I believe you can do better with your discovery by disposing of it to some of the large concerns in the business East - From what I have learned, and it is valuable information that wants to be seen the enclosed to carefully complete with those already in the business - I will tell you what I should do if it were mine; I should endeavor to make contracts with the large manufacturers to furnish them with varnish at a certain price, leaving them to invest the capital necessary, carry the stock the length of time varnish requires to be carried -

The firm with whom I have been in communication with was in the business for a great many years - the senior member

that the process of manufacture was not, to my knowledge, known, if by your process it is done without fire, and is rapid there are decided advantages — The black color, given the varnish results from burning, or it may come from the adulteration now largely in use.

How does all the compare with the information you have been able to get?

Yours truly
J. M. Daniel

J. M. Daniel
Nov. 29. 1879

1877-Varnish

79 Cedar St N.Y.
Room 62
June 5th 1877

Thos A. Edison Esq

Dear Sir

I would like to have an interview with you on certain Electrical matters with which I think you are familiar — Having called twice at the Western Union Building & not finding you in will you oblige me by making an appointment & meet me either at this office or any other as may suit your convenience

Very truly yrs
Geo B Field

OFFICE OF

# A. F. Eaton,

## CHEMIST.

MANUFACTURER OF PRISMS, SPECTROSCOPES, ETC.,

43 HENRY STREET,

Brooklyn, N.Y., June 8th 1877

Mr Edison

Dear Sir

I am much in need of money this week, will you send balance, or a part of it and greatly oblige me.

I accidentally discovered your week discovered the connection of the spark from the core of an magnet, so distinctly that if there is quite bright day light bear probably it would be nothing new to you however

I will report when I see you

Yours

A. K. Eaton

OFFICE OF

**The Greenpoint Flint Glass Works,**

(J. B. DOBELMANN, PROP.)

Nos. 85, 87, 89, 91 & 93 COMMERCIAL STREET,
NEAR UNION AVE.

P. O. Box No. 93.

Greenpoint, N. Y., June 8 1877

New York Office, No 4 Warren Street.

Messrs Eddison & Murray
Newark N.J.

Gents

On account of the recent conflagration at my work which has compelled me to close my books and I find an O/C against you amounting to $50.55. I need money badly and therefore look to my friends for what is due me. I therefore expect a remittance from you by return mail and oblige

Yours Respy

J. B. Dobelmann
per J. Smalch

Reading Pa.
June 12th 1877.

Thos. A. Edison Esq.
Dear Sir.

Your of 10th inst. with E. C. Stedman's letter has been received. The rude and unsolder devices referred to by him have no merit whatever and I have so written him.

I heard your telephone, which was exhibited by Colonel and your brother a short time ago and must say it is a decided improvement, having more life in it than those of Bell and Gray whose sounds are rather weak.

I was sorry to see a small audience present at the time. Owing to the

great depression in trade in this section, things are dull and money tight.

I suppose you have heard from Walter & Jefferson and will see [illegible]

Yours respectfully

W. H. Young.

Mr Johnson
June 17

HALL OF THE FRANKLIN INSTITUTE.

Philadelphia, June 13th 1887

Mr. T. A. Edison
Newark N.J.

Dear Sir

I should be glad of the privilege of exhibiting your "Motograph" before the section of the Franklin Institute to be held on the 20th inst.

It is made the duty of the sec. to report at each meeting such improvements & novelties in Science & the Mechanic arts as are likely to be of interest to the members, & I shall be pleased if you can be present on the 20th with your Instruments & effects & describe them.

If you cannot come yourself but will kindly entrust the instruments to me I will present them with such description & statement as you

Electromotograph

Mr. Davies,

The Committee on Publication wish to see the Patent & have a description of the "Motograph" for the Journal.

Respectfully Yours

J. B. Smith,

Secy.

OFFICE OF

# GLASS ORNAMENTING CO.

153 & 155 CENTRE STREET,

S. W. corner Canal Street,

PLAIN AND COLORED

Embossed Glass

FOR ALL PURPOSES.

New York, June 18th 1877.

Mr Thomas Edison

Dear Sir

I have thought yr Electric Needle might be turned to account in cutting off fine on Glass by tracing instead of a needle point. one or little on the chisel order. it would need to cut a smooth cut, clear thro' the foil. I trust to yr place in Church St. the Gen.l who seemed to be in charge said he would give it a trial but he never did & I understand has now gone to Chicago. If you care to think of this idea make an appointment with me & meet you at yr place in this city at any day & time most convenient to you. I will call as you direct you what to do is mine

Yours truly

Henry A. Law.

H. L. R. VANDYCK,
Counsellor at Law,
Special Master in Chancery,
Sup. Court Com'r,
199 Washington St., cor. Montgomery.

Jersey City, N. J., June 20 1887

Thos A Edison Esq
Dear Sir -
As I have been unable on account of business engagements and absence to call and see you. I send statement of our account - and check for balance due you - The matter against H C Fernando 10th is still pending will get it to trial as soon as possible,
The enclosed claim of O E Drake was given to me by Elvin W Crane of 800 Broad St Newark Mr Drake's lawyer as an offset to your claim, will not proceed further against Drake, till you instruct me to do so.
Why do you not call at my office sometime when you are in the city
Yours
H L R Vandyck

[ENCLOSURE]

## Statement.

| | | |
|---|---|---|
| Amount collected from N. H. Crosman & Son - | | 159.50 |
| Amount collected from The Recording Steam Gauge Company - | | 47.61 |
| Total Collection | | $207.11 |
| Collection for on the above, 10% - | 20.71 | |
| Counsel fee &c. and services in the matter of the foreclosure of chattel mortgage given by E. I. Gilliland to Thomas A. Edison, to secure $3700.00, or thereabouts. and in the matter of the claim of Edison's E. P. & M. P. Co. vs. E. I. Gilliland | 50.00 | |
| Case of Edison E. P. & M. P. Co. vs. M. E. Drake - Fee for service | 10.00 | |
| Amount retained as retainer fee to cover costs in case of Edison Murray vs H. C. Fernando Rohe - | 25.00 | 105.71 |
| | | $101.43 |

Check, June 20th 1877, One hundred and one dollars and forty-three cents ($101.43)

[ENCLOSURE]

Newark N.J. April 12 1877

Edison Electrical Pen and Duplicating Press Co.

To S. F. Smith Dr

| | | |
|---|---|---|
| To loss of time for not furnishing Pens and Press as wanted to fill my orders | $300 | 00 |
| To loss - difference in price of Pens and Frames, which Company agreed to sell to me at $20.00 each and for which they charged me $25. each. | 100 | 00 |
| To Commission due me for Pens and Presses sold in my territory by the Company before my contracts with them expired | 150 | 00 |
| To wages for two weeks work at Union Square N.Y. at $35 per week commencing on Monday April 6. 1876 | 70 | 00 |
| To meter & Press left at shop in rear of Newark N.J. that was sent to Menlo Park for which I paid Chas Batchelor | 20 | 00 |
| | $620 | 00 |

Blank No. 14.

# THE WESTERN UNION TELEGRAPH COMPANY.

The Western Union Telegraph Company resolves that all messages received for transmission, will be written on the distinct blanks of the Company, subject to the conditions printed thereon, which conditions have been agreed to by the receiver of the following message.

WILLIAM ORTON, Pres't. | NEW YORK
A. R. BREWER, Sec'y.

Dated Pittsburg Pa June 25 1877

Received at Mozart Rank

To T. A. Edison

I would like to see you at the Astor House 10 o'clock tomorrow Morning. T. B. A. David

1st Frank.

Menlo Park

June 22nd 1877

J. T. Blackman, Dear Sir

I accept your offer to put one of your Combination gas machines in my Laboratory on these conditions

The machine to be put up free to myself except that for excavating 50 ft of pipe to be furnished with the machine. Terms $425.00 10 % off for cash. or $125.00 down, $100.00 in three months, $100.00 in six months $100.00 in nine months — $425.00

If I will exhibit it freely to any visitors which you may bring

I am to obtain a deduction of $50.00 from this price — $375.00

the machine to be delivered within one months

J. C. REIFF, Agent.

OFFICE
Kansas Pacific Railway Company,
No. 80 BROADWAY.

New York, June 30th 1887

Dear Edison.

The people next door to me, as you know have several times chatted with me rambling to me about experimenting with Lake Superior Iron mine. They are very anxious to see you. I think if you have a satisfactory talk with them as to probabilities they will arrange with you to go out there. You spending 2 or 3 months at this, this summer

would benefit your health
greatly to have your
pocket to.
When can I arrange
for an interview.
While you call to see
me today I am alone
& disengaged.

J. C. Reiff.

J. C. Reiff
June 20/1917

Nf July 9th 1899

Where can you see
the Silver mine
people?
Did you send the
telephone & phiends
to Eff?
I hear city of
Myers & Russell -
argument to you
when you call, cannot
afford to pay postage
to hear!

Yours Jack

Leonard Meyers
July 3. 1877

Phila. July 3. 1877.

Friend Edison

Mr. Lamedy of 52 Broadway Silver Island Mining Co. of Lake Superior desires to see you at his office & I promised I would send you to him - It is said you have got a magicians wand and either than the witch hazel it will turn down & kiss the earth when silver lies beneath - "4 plex - why not?"

Refer at Reiff's office for you a copy of my Argument in the Landmaplex - They all said you were a wonderful fellow - work and work with it

Yours

or still better, with Professor Henry -
I did not quite say that, but I
gave you full praise -
Now in return I want you to
order from Washington & send
to me one of your photographs
such as I saw at Reid's or even
a smaller one -
Edison I suppose is being fêted
up your Telephone at the
Exhibition grounds. Now
"don't let" read it Edison & Myers
have it Prescott & Edison!
When you come to Philada.
call on me at 125 South 7th St.

Yours very truly
Leonard Myers.

Thomas A. Edison Esq.

July 5/77

My Dear Edison.

I presume it is ordained I am not to see you anymore — After sending a good many notes without reply, a friendly man told to be here at 4 PM — but no Edison.

I understand the translators work well. J.G. one want to see you within a few days —

Can you not arrange to make an Engagement for Learned about the Silver Mine Experiment in Lake Superior — He is very anxious about it, & you have any confidence —

Glad Butler & Leonard never both discussed the matter with Learned in Connection with you —

Did you see Preece before he sailed? Did he say anything about Automatic or Quad for the other side?

Have you heard any more about Pushing this Electric Pen? Have you seen it? I leave for Cpin Russell's & Meyer's trips.

Spin wool some time this afternoon. I have had a conversation with Professor Jackson & Professor Tacchini. Did you see Salisbury & Prince as much about all

16 Broad St
NY
6 July 77

Friend Edison.

You have sent a cheque for $17.00 instead of $15.30 the same as Batchelors. $1.70 too much, what a fellow you are to disregard money in this manner. I should have cashed the cheque & handed you the balance when I saw you, but you have made it payable to the order of Geo H Ward instead of Geo G Ward. I have therefore returned it to be put right. I saw Preece off, he was very jolly as usual. He expressed to me on board his great regret he was unable to go down to you on Monday, he was very sorry. You have given him a great treat anyhow.

The Direct have made a working arrangement with the Anglo, but the two Companies will be run seperately, and things will go on about the same. ~~that~~ I go

not anticipate any material changes.
Why dont you call in and see me
when you are in the City sometimes.
shall be glad to see you at any time &
another thing I want to keep the Society
posted in what Edison is doing (of
course anything that is not private).
as after Preece gets home, I know
they will be anxious to hear received.

I am glad you are getting your
speaking Telegraph on towards perfection
Did Preece tell you we had nearly
2 days with Bell in Boston – Wed.
are you going in with the Sey[illegible]

Yours Truly
Geo Ward

Geo B Ward
July 6. 1877

J. C. REIFF,

No. 52 BROADWAY.

New York, July 7th 1877

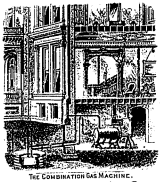
My dear Edison — I telegraphed you this AM. that the Edison Ring people were very anxious to see you at 1 Oclock today.

All the people are here together (the Board etc) and ready to talk business —

It seems other parties have made propositions as to what they can do in giving them information as to the deposit etc. but thus far they have ~~such~~ great expectations concerning you.

I trust you will not fail to send me word that you will meet them, so that they can all be on hand —

Otherwise they will scatter with the impression that you yield the point seeing I have said so much & they have sent for you so often. Yr. JCReiff



THE COMBINATION GAS MACHINE.

THE
COMBINATION
GAS MACHINE COMPANY.

Factory & Office Cor: Leib & Wight Sts.

FOR
LIGHTING
COUNTRY AND
SUBURBAN RESIDENCES,
CHURCHES AND LODGES,
SEMINARIES, HOTELS,
STORES, HOUSES,
FACTORIES, MILLS,
ETC.

Detroit, Mich. July 12th 1877

T. A. Edison Esq.
Menlo Park N.J.

Dear Sir:

In your order for one of our Gas Machines you specify that it must be put delivered within one Month from the date of your order which was the 22nd of June. We shall ship the Machine next week, but we would like you to give us a little more time to put the Machine in. All of our Men are out on jobs now and we dont see how we can possibly get to you by the time mentioned. We cannot send in experienced Men to put in Gas Machines - and consequently it do happens, once in a while that we cannot get to a job just when we agree; but expect it will be more than one week behind. Please let us know if this will be satisfactory - We shall give you the nearest Machine we can send in that part of the Country.

Yours Truly
The Combination Gas Machine Co
J. A. H. Mason

*In order that we may keep our Machine and Controls under our exclusive control, "The Combination Gas Machine Co." have organized "The Gas Machine Union" to which we give our properties, and hereafter all communications relating to the Gas Machine Business, should be addressed to "The Combination Gas Machine Co., Detroit, Mich."*

*Co's. Patent Rights, Machines, Controls, Patents, Patent Rights, Patents, Patent Rights, Patents, Patent Rights

Myer Flinn
Jy 13. 77

NY. July 13th 1877

Gentlemen

I beg leave respectfully to call your attention to the magnificent Marble front building No 283 Bowery near Houston Street (formerly The Mechanics and Traders Bank)

This Building is one of the handsomest in the City, is well adapted for the purposes of your Company, and is now "To Let or For Sale" on most reasonable Terms.

Would be pleased to hear from you. Always in bet 1 and 2 PM

Respectfully yrs
Myer Flinn
339 B'way

Aug 14/77

Dear Edison

Any wind from Spice - or anything to say to Learned party?

Can you by any possibility loan me $200.00 for a while.

Yr J C Reiff

---

July 10/77

Dear Ed

If you need any Mica - I can get you some splendid specimens from New Mexico - You can see it at Dolly other on Cortlandt St.

Yr J C Reiff

THE NORTH AMERICAN
Attorneys' and Tradesmen's
PROTECTIVE UNION CO.

*Incorporated under the Laws of the State of Connecticut.*

H. B. FREEMAN, Pres. A. B. MATHER, Sec. and Treas.
E. J. WHITEHEAD, Supt.

CHARLES M. C. MORROW,
*Attorney and Counsellor-at-Law,*
800 Broad Street,
Room 19.

Newark, N. J., July 16th 1877

H. B. Freeman Esq.
Dear Sir,
Yours of the 9th inst. in the matter of the Daughters Mfg Co. of New York, received, in the hands of Bryant & Fowler, for collection against Jonas & Jer Pettier. Mr Minzy since visited them the Daughters Co. has found nothing relative to the claims. This matter has been pressed in my hands to examine into. Therefore called upon

Every

your late partner Mr Morris
had informed me that
in his opinion you had
settled with Bigelow & Co.
for the amount. He also
gave me your address,
and directed that I write
to you for information.
I will be greatly obliged
if you will let me know
whether the claim is really
settled. Mssrs Bigelow
& Lowrie are not on very
friendly terms with
Beff. Too I am informed,
and I presume this
to be the reason why
my attention has been
called to the matter.

Respectfully &c

Chas. M. C. Morris

Chas M. C. Morris
June 16-1877

Electric Light

St Louis Mo July 18th 77

T. A. Edison
Sir

Your favor of the 9th instant has just reached me — by its date I observe that it was written the very day I left New York. I regret not having received it a few days earlier. I should have gone for the purpose of calling your attention to the subject of electric light — or the production of light by electricity. It appears that the inventor of Paul Jablochkoff of Paris, demonstrated the practicability of utilizing this element for purposes of illumination — and I feel quite confident that if you would offer

Yours truly & if that important business
can just follow. I shall be absent
until about the 1st of Sept. On my
return will call on you and
talk this matter over.

Yours very truly

Geo B Fisher

Hon Wm Smith
Washington
D C

OFFICE OF

# A. R. Eaton,

## CHEMIST.

MANUFACTURER OF PRISMS, SPECTROSCOPES, ETC.,

65 HENRY STREET,

Brooklyn, N.Y., July 26th 1877

Thomas Edison

Dear sir

Yours of yesterday was from circumstances cannot be heard, I would be willing to speculate and thus would be somewhat expensive

Take a good lighter and very clean water, a power could be used that would bring the electric apparatus within 18 feet of the carbons

Before then would be the limit of the water was very cold clean - the lighter sufficiently strong, and the separation of

the telegram [illegible]

[illegible]

T. K. Elder

[illegible]

Aug 20 1897

16 Broad St
20 July

Friend Edison

I have just received this. Let me know by return mail if you have any objection.

You will recollect I wanted Dr Siemens to come & see you; but as he had no time, he said he wd like his nephew to do so. There he is. Please send me his letter back. Yours truly

S S Ward

Wharton

The Direct United States Cable Company, Limited.

15 Broad Street

New York 23 July 1877

Friend Edison

Thanks for your note, I shall come with Siemens if possible & will let you know a day beforehand. I have just got the following from Preece.

"Tell Edison British Association August fifteenth dont fail with apparatus"

Send me any reply you want to give him. You ought to be shipping it soon to get it comfortably over there.

Yours very truly

Geo Ward

Geo Ward
July 23. 77

My dear Edison

Dear Sir. Have reported to Edison
mine herefor that you mine
advise thus wisdom after
rip what the Glass mine cost.
Hurry Dade Rep —
Leave Renow when you come on
from west. Lord yours are man
requested not to any of Utah Colorado
Explain to him you delay or anything long
that may cause may actual him. He is very anxious and

6 Broad St
25 July

Dear Edison

Siemens proposes paying you a visit on Friday, if no strike! We shall come by the Ham tram; if I am unable, shall send him alone. Don't fail to let me have an answer for Preece about the apparatus. In haste.

Yrs. truly.
Geo Gnard

Blank No. 1.

# THE WESTERN UNION TELEGRAPH COMPANY.

The office of this Company receives that all messages received for transmission, shall be delivered on the delivery limits of the Company, thereto and subject to the conditions printed thereon, which conditions have been agreed to by the sender of the following message.

WILLIAM ORTON, Pres't; A. B. BREWER, Sec'y, New York.

Dated Detroit July 25th 1877

Received at Menlo Park

To T. A. Edison

Machine detained at Rail Road on account of the Strike—

The Combination Gass Co

Paid

Dr. GIDEON E. MOORE,

Analytical and Consulting Chemist,

PASSAIC ZINC WORKS.

Jersey City, July 25th 1877

T. A. Edison Esq.
Menlo Park
N. J.

Dear Sir:

At the request of my friend Prof. G. F. Barker of the University of Penna., I send you enclosed a small sample of purified amorphous graphite; all that I have at present.

Should the sample answer your purpose you can obtain a similar article in any desired quantity from the American Graphite Co. of No 24 Cliff St. N.Y. Cyrus Butler Pres.

I think you will find this to be as pure an article of its kind as you will be able to obtain unless you order a quantity to be especially prepared for you and absolutely, chemically pure.

The Am. Graphite Co. sell a very excellent and very pure foliated graphite in a state of extreme fineness of subdivision under the name of "Electrolyzers' Graphite". For the purpose of imparting electrical conductivity the foliated graphite is considered to be better than the amorphous variety.

The amorphous graphite of which I send sample is sold by the above company under the name of "Photographic Graphite" and is used for the intensification of photographic negatives obtained by the bichromate of potassa and gelatine process.

Very truly yours
Gideon E. Moore

OFFICE OF

# A. K. Eaton,

## CHEMIST.

MANUFACTURER OF PRISMS, SPECTROSCOPES, ETC.,

65 HENRY STREET,

Brooklyn, N.Y. July 20th 1877

Mr T. A. Edison

Dear Sir

It will be well for me to see and talk with you about the telescope before setting upon the work. Pray name time when you are to be in N.Y. and I will visit you then

Yours

A. K. Eaton

H Parkes
July 27. 1877

Oneida Co

Deansville July 27

Thomas A Edison

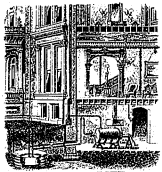
Dear Sir
I have been for years Experimenting with Electricity and have just Discovered a new Course it is something Either your Odic Force I can Telegraph without instead of making a bond I alten Tong at the other End I will Tel you what Resistance I have Telegraph Throug one Brake of 4 peaces of dry paper from another Brake of 4 peaces dry paper

over

than thorough 4 men
and a lot of wire
a number of brakes
in the wire with met
paper the power seems
to be magnetic it will
not go through a coal
it seems to want a state
wire if you will come
to Debarville and see
it and if you find it
useful and will use
your influence to introduce
it I will give you
one half

Please let me hear
from you soon as
with to get some one
to take it in hand

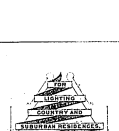
N, Parks



THE COMBINATION GAS MACHINE.

THE
COMBINATION
GAS MACHINE COMPANY.

Factory & Office Cor. Lib & Wright Sts.




Detroit, Mich. July 28th 1877

T. A. Edison Esqr
Menlo Park N.J.

Dear Sir It was very unfortunate that this Strike should occur just at this time. We shipped your Machine on Monday last by the Empire Line & the next day we were notified to come & take it away. as no freight trains were allowed to run. They are expecting every hour to receive orders to resume business. & as soon as they do the Machine will go forth. We are very sorry it has so happened, but it is something over which we had no controll. It will be well for you to order. 4 Bbls of Gasoline so as to have it on hand by the time the Machine arrives. Only should the Gasoline get there before the Machine does. It will be necessary for you to protect it well from the sun. It is a good plan to put it in some cellar or pit - or in some cool damp place - & cover the Bbls with wet saw dust or straw. Hoping the Strike will end soon we remain

Yours Truly
The Combination Gas Machine Co
per Jas H Mason
Manager

As a rule, but not invariably, Gas Machines and Burners are guaranteed perfect, unless specifically "The Combination Gas Machine Co." (successors to the "Illinois Improvement Gas Machine Co.") of which we are sole proprietors, and hereafter all communications having reference to the Gas Machine, Burners, should be addressed to "The Combination Gas Machine Co., Detroit, Mich."

DERBY & BROTHERS.

Dansville July 31st 1877

Mr T. A. Edison

Dear Sir

Yours of the 29 inst rec'd and I hasten to comply with your instructions, believing as I do that I have something that is not only new but something that will be an important acquisition to the science of Telegraphy. Do I understand you to mean that I shall ~~get~~ send the paper to you that is intended on simply get it witnessed and retain it only sending you a description of the apparatus - if the former I will give you the description now and send the other paper at your request. I have sent you the apparatus by express so that you may more fully comprehend what I mean. It is very rudely constructed of course for the reason that I have changed my models so many times in determining that I have not the time nor hardly the means to completely carry out what I should like to send you. However if the principle is there it matters little or precious about the first appearance.

To set the instrument up I use for a Battery two (one cup will answer) copper cups holding about a pint each. the gauges are 5 inches long 2½ inches wide and 1/4 inch thick. I wind the gauges with common brown paper to keep them from touching the copper. I use in the acid & water or blue vitriol & water = place the wire (see instrument) from the copper cup in binding post A. the gauge of the other cup in connection with binding post C. the current will now pass through the coil and cause the tongue to vibrate (the tongue connected with post D. if from any cause it should not a simple motion of the hand start it when the current will keep it in motion. to adjust the instrument place one of the bar magnets with the charged ends in the tin tube marked E so that the end will approach the vibrator or tongue either close or not as it seems necessary. turn the other bar magnet and lay the end upon the end of the tongue at post D crosswise (thus ⊥) to prevent the current from the Battery from passing from posts B to C and not go through the coil. I use four pieces of dry paper and two pieces of tin (one circular instrument marked X) to get the force. place the wire from the lower tin disc in the binding post B. then take the wire from the upper disc and connect it so it has to pass through any circuit almost including the instrument marked X and connect it at post C now open & close the circuit in any way that is convenient. opening & closing this latter circuit will alter the tone of the tongue so that the difference can be readily perceived. providing the adjustment of the bar magnet and the screw at F is right = it does not seem to make any difference what this latter circuit is composed of. 5 or 6 men with connected hands will make a good circuit = it will also work just as well with another of the instruments - like the one I have out marked X. thus with two of them the current will have to pass through 8 sheets of common brown paper = the adjustment will have to be very fine, or the new force will not make itself manifest = with this & the instruments out as above stated I will close hoping you will be able to produce something from this that will not only benefit you and I as individuals but others as incorporated

Companion W. = I should have been most happy if I could have come down and explained to you personally and then from more explicitly, but I am a poor man and do not feel able to do so, as I have already spent all of my surplus earnings & all of my valuable time experimenting =
There are things about it that are very difficult to describe or explain on paper but I trust you will be able to see & do all that is necessary =
If there should be anything connected with the working that you do not understand I will explain at your request = Please give your immediate notice and forward me your conclusions =

Fully Yours
Nathaniel Parks

P.S.

P.S. Please return instruments when you have done with them =

N. Parks
Aug. 21, 1874

N.Y. Aug 1/77.

Dear L.A. Your recd. Have advised the Mining Party. Most of them are now at Lake Superior but will be home in a few days.

Dave you angry with Parker of today referring to the telephone concert of last evening. It was so beautiful a thing. E.W. wishes to congratulate, tho' he has certainly put energy enthusiasm into it. When will you be in town. Yours J.C.R.

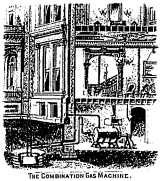
JEREMIAH QUINLAN,
GLASSWARE,
Druggists' Sundries & Rubber Goods,
136 & 138 William Street,
NEW YORK, Aug 1st 187

Mr T A Edison

Dear Sir.

I forwarded the draft yesterday for collection would not do so. but you stated you would remit in June & presumed that you overlooked the matter. As you want any goods. have a good stock.

Respectfully
Jeremiah Quinlan



THE COMBINATION GAS MACHINE.

THE

# COMBINATION GAS MACHINE COMPANY,

*Factory & Office Cor. Leib & Wight Sts.*




Detroit, Mich. Aug 4th 1877

T. A. Edison Esq
Menlo Park N.J.

Dear Sir

Allow me to introduce to you Mr Robert. Witherspoon, who visits you for the purpose of putting in your Gas Machine — Any assistance or attention shown him will be duly appreciated

Very Truly Yours
The Combination Gas Machine Co
per J. A. H. Mason
Manager

Unless receipt, not Ordered, shall be signed for The Combination Gas Machine Co. no agents, employees, and no person whatever, have power to receive or give receipts for the Company.
HENRY HOFFMEIER.
Gen. Machine Co., Detroit, Mich.

Dear Sir, [AUGUST 6]

An article in Harpers for August ~~says~~ on Wireless Telegraphy, Writing with hare-milk will a string subjected to heat or flame, come out clear & distinct.

Yours J. C. R.

"Oxygen in Sun"

Henry Draper
Aug 6. 1877

Dobbs Ferry
N.Y.
~~271 Madison Avenue.~~
~~New York.~~
Aug 6th 1877

Thos. A. Edison Esq.
My dear Sir

Your two letters have come safely. I am very glad the speaking telephone has turned out as well as you wished for it obviates the main defect of Bells viz; having to listen so carefully. As to "Oxygen in Sun" what you say about the Iron lines is true and I am not yet satisfied why they slant so much

When you look at the spark which is in front of the slit the iron appears as a yellow mantle or muffle round the air spark thus,




While the air spark is nearly a straight line from pole to pole. As to the delicate lack of coincidence that is due to the fact that it is almost impossible to avoid some flickering of the spark which changes the direction in which the light falls on the slit. Still it is not enough in amount to touch the argument.

As to the value of investigation on the subject of Saints the whole matter is to curious that no one can say what may not come out of it.

I hope when we get back to town you will take an early opportunity of coming to 271 Pall Mall. Mrs and Miss Tait can see and use the precious accounts I got.

Mrs Tait

Mr Tait

Mr Gurney Dickson

Who I am sure joins with

I shall certainly call in.

William Orton,
President.

Executive Office.

Western Union Telegraph Company.

New York, Aug 7. 1877.

Thomas A. Edison Esq,
Menlo Park, N.J.

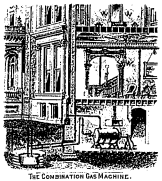
Dear sir:

A message from Preece says:

"Ask Edison if appar=atus sent and how addressed"

Very respectfully,

Wm Orton



THE COMBINATION GAS MACHINE.

# THE COMBINATION GAS MACHINE COMPANY.

*Factory & Office Cor. Leib & Wight Sts.*

Detroit Aug 7th 1877

T. A. Edison Esq
Menlo Park N.J.

Dear Sir,

Enclosed herewith we hand you Duft Bill of your Gas Machine which formally got away from here on yesterday. During the time of the embargo on the Roads there was not lift than 100 lbs accumulated at Toledo, Alena and at Collinwood another station on the L.S. RR there was is Miles of Cars in one line - And as the Blockade does not raise until Sat. Sunday it has been impossible to get your Machine away any sooner. We regret this delay very much - but it was entirely out of our controll and we trust you will so consider it. We have instructed our Man who is now at Erie - Pennsylvania finishing up a Job to go immediately to your place & put your Machine in -

Very Truly Yours
The Combination Gas Machine Co
C. J. Hall Manager
Manager

X

*In order that we may keep our Gas Machine and Varnish business separate and distinct, we have organized "The Combination Gas Machine Co", Michael Dwyer, President, Gas Machine Co. (Ltd) ceasing to run and completely, and transfer all manufacturing, selling, advertising & the Gas Machine Business, to the Varnish Co. (Ltd) Yours truly, Dwyer & Co. Varnish Co. Ltd.*

[ENCLOSURE]

1016. 3-31-76. 3994. Form No. 45 (Cont.)

# "EMPIRE → LINE."

# EMPIRE TRANSPORTATION CO.

## FAST FREIGHT LINE!

**Via PHILADELPHIA & ERIE RAILROAD, and its Connections Westward and Eastward.**

The *Empire Transportation Company*, which is the proprietor of the **EMPIRE → LINE**, and which leases this Bill of Lading, is a Corporation of Pennsylvania, having a real capital. It owns and controls the Cars of its Line, which are now and of "Broad Tread," intended to run through between the Eastern and Western cities, **WITHOUT** change of cargo. The **EMPIRE → LINE** is the authorized Fast Freight Line of the Philadelphia & Erie R. R., over which and its connections it passes between the East and West, and is worked on all the Routes over which it undertakes to transport, under contracts which secure to the property carried the same facilities for fast and uniform movement that the roads over which it passes possess.

M. BALL, Eastern Sup't, Philadelphia, Pa. — GEO. W. RISZINE, Western Sup't, Cleveland, O.

WM. F. GRIFFITTS, Jr., Gen'l Freight Agent, Philadelphia, Pa.

### PRINCIPAL AGENCIES OF THE EMPIRE LINE.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ALLIANCE, | O. | CORRY, | Pa. | GARLAND, | Pa. | LOCK HAVEN, | Pa. | OLEAN, | N. Y. | SUNBURY, | Pa. |
| BALTIMORE, | Md. | COUNCIL BLUFFS, | Ia. | HARRISBURG, | Pa. | MAUCH CHUNK, | Pa. | OMAHA, | Neb. | TOLEDO, | O. |
| BOSTON, | Mass. | DETROIT, | Mich. | INDIANAPOLIS, | Ind. | MILTON, | Pa. | PEORIA, | Ill. | WARSAW, | Ind. |
| BUFFALO, | N. Y. | EASTON, | Pa. | IRVINGTON, | Pa. | MILWAUKEE, | Wis. | PHILADELPHIA, | Pa. | WILCOX, | Pa. |
| BURLINGTON, | Ia. | EMPORIUM, | Pa. | KEOKUK, | Iowa. | NEWARK, | N. J. | QUINCY, | Ill. | WILTON, | Pa. |
| CHICAGO, | Ill. | ERIE, | Pa. | LAFAYETTE, | Ind. | NEW YORK, | N. Y. | SCRANTON, | Pa. | YORK, | Pa. |
| CLEVELAND, | Ohio. | FORT WAYNE, | Ind. | LANCASTER, | Pa. | OIL CITY, | Pa. | SHAMOKIN, | Pa. | | |

THIS BILL OF LADING IS FROM Detroit TO Newark

*The Rate of Freight* ~~$1.25~~ *per* ~~115~~ *cts per 100 lbs.*

**NO SINGLE PACKAGE RATED AT LESS THAN 100 POUNDS.**

**NOTICE.** This Receipt not to be presented without alteration or erasure.

**Received,** at Detroit ~~July 31~~ 1877 of Berry Bros

the following Packages (contents unknown) in apparent good order, Aug 7th

MARKS:

J.A. Edison
Menlo Park
N.J.

[Our (1) Iron Tank in Crate
Our (1) Pump in Crate
Jon (10) Bolt Wood in Shape
Our (1) " Hoop
Our (1) " Iron Barrel
Our (1) " Fax Barrow
Two (2) " Bale Gas Pipe
One (1) " Air Pump

O.Rick

*To be transported by the Empire Transportation Co., and the Steamboats, Railroad Companies, and Forwarding Lines over which it connects, to*

**UPON THE FOLLOWING CONDITIONS:**

That TWENTY-FOUR THOUSAND POUNDS (24,000 lbs.) being the maximum weight per car that this Company is willing to carry, any excess over that amount may be unloaded at the Shipper's expense, or destination at freight charged on excess, at the option of this Company.

That the rates given on bulk freight are given on the understanding that not less than twenty thousand pounds will be loaded in each car, and that such tonnage shall be charged, at the option of this Company, be charged for, whether that amount is placed in the car or not.

[illegible]

[illegible]

[illegible]

Newark, N. J. Aug 8th 1877

Mr. T. A. Edison

~~To~~ **EDWARD WRIGLEY,** ~~Dr.~~

**MACHINIST,**

And Dealer in all kinds of New and Second-Hand Machinery,

*Nos. 19 & 21 N. J. RAILROAD AVENUE,*

NEAR MARKET STREET DEPOT.

**TERMS CASH.**

I am in receipt of your letter and in reply would say that I would like to have the Shafting & Pulleys you give forty two dollars per ton and the Machinery I would like to below consulting for you as I have a nice large new Shop which I have just erected on the Corner of Court Brenham St & N J R R Ave where I could shew them off to the best advantage

Yours respy
E. Wrigley
Per J. B. W.

---

Established 1832.

Box P. O. 2099.

Rosengarten & Sons,

*Manufacturing Chemists,*

Philadelphia Aug. 8th 1877

Mr. Thos. A. Edison
Menlo Park
New Jersey

Dear Sir

Yours of the 5th inst. is this day received.

We could prepare the Pur Acetate Mercury for you at $5.50 per pound and deliver it in about two weeks after receipt of order.

If you want the Pur Acetate Mercury please mention it when ordering.

Yours Resp
Rosengarten & Sons

"[illegible] House"

Henry Draper
Aug 9. 1877

~~171 Madison Avenue,~~
New York.

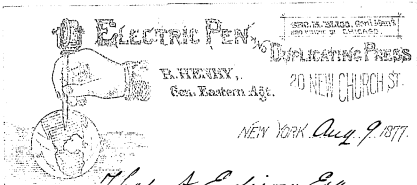
Dobbs Ferry
N.Y.
Aug 9th 1877

T. A. Edison Esq
Dear Sir

Your remark about the aluminium flame is true & it does not flare out nearly as much as iron. I have thought that the shape of those iron lines might give rise to some advice criticisms on my photograph but you seem to find a pleasure in it. It is proper to say however that if both poles are iron then you can get straight lines easily enough.

As to the relation of a number of
lines and nature of substance quite
a good deal has been written and
many have felt that there was
something in it analogous to fundamental
tones & harmonics of sound. But no
one has made a clear, precise
statement yet. Moreover your idea
about compound nature of the so-called
elements is just and what is a
curious ~~[illegible]~~ fact in that direction
is that the nebulae only give about
3 lines and yet they & others contain
the gases of many of our so-called
elements. I hope you will have time
to print something about spectra, it is of
value theoretically & practically speaking

Henry Draper




NEW YORK Aug. 9. 1877.

Thos. A Edison Esq.

Dear Sir:

I cannot get a cut of the power Rossi clipper in the City. They are Manufactured by the American Shear Co. Nashua N.H. and I have sent for circulars, price list & C & C.

Enclosed is the card of a man that makes hand clippers. His price is $3.50

Respectfully

E. A. Mason

Aug 10 1877

Dear Sir

Jim Chase is all right

have it certain to day — make report for it

Yours

Jas. Ross

Menlo Park

Dansville NY Aug 10th

Mr T. A. Edison

Dear Sir

Yours of the 6th came duly to hand and I hasten to answer. You explain my invention to a certain extent but you do not seem to see the most vital points = I have read all the articles that have appeared in the Scientific American in relation to your and am puzzled to see why your "new force" was not explained as easy as you have explained mine = I have experimented with electricity for twenty-five years and I can make a "new force" because it does not follow all the laws of electricity = it will not pass through a small coil of fine wire and also the lamp but will pass through a thousand times more resistance and also the lamp summarily with the greatest energy (considering of course the fine adjustment that is needed) = it does not act upon the system or the galvanometer and this ~~force~~

new force could have been discovered in no other way. that is to say only by the way I have found = my son who is a Morse Operator says that with a sender fixed character he could see the alteration in the sound of the tongue as good as he can the armature of a sounder, you say the instrument marked X is a conductor this cannot be for it will work just as well without it as with. all that is needed is a direct wire (not a coil) it will work without the bar magnet but not as good. it will also work with one cup of salt water and the bar being the outer = why is this ~~forcen~~ not the very thing to work Telephones? = I saw a few days since in the Scientific American that Frenchman had made a double relay for working long cables = one relay to do away with the spark and the other to be adjusted very fine = Now this force of mine can be used with the most delicate relay and alter the tone if the force itself will not pass through long cables. my power or force will do more than anything I have heard of. it will do away with static induction so that you can Telegraph as fast through the cable as you can on land which will double the capacity of the cables of the present time =

It hardly matters what causes the difference between what I propose to do to the cable with it = if it will alter the tone through a long cable it will work if it will go through ~~[illegible]~~ conductors as well as it does bad ones it will also work = there is only one thing I am afraid of. it will not go through a coil to make the alteration.

Please allow me to call your attention to the enclosed piece which I have taken from the S. American I claim that my invention is an embryo fulfillment of the prophecy of Professor Van der Weyde = note in also what Sayre & Henry says. (I have erected with the aforesaid I wish you to notice more particularly I will give you an undivided half interest in this if you wish to take it in hand, if not

I must give some one else to help me for I feel it my duty to "push things" Him above is respectfully submitted hoping that you will see that it has a practical value which is not to inconsiderable hoping to have the pleasure of hearing from you soon I remain

Respectfully Yours

Nathaniel Parker
F.N.P

P.S.

I hope you will excuse me for not prepaying charges on my instruments I was too poor to do so & wanting to get them but to you I received your generosity I also thank you for prepaying the charges on the returned =

N.P.
F.N.P

Subject:

# Pennsylvania Rail Road Company.

Pennsylvania Rail Road Division,
Office of General Superintendent.

Altoona, Pa. Aug 11th 1877

Thos. A. Edison Esq
Newark N.J.

Dear Sir.

The not at Pgh. burned up our Galvanometer, Siemens, We want another or probably three, What's the best for measurements of Wire & Insulation, Gen insulation is so good in fair or not very bad weather Siemens alone did not reach it, Have you time to give me a hint on best to use, or if I could call on you at Menlow could you give me an hour or so on this subject. I would like to see you long enough to day to you what automatic electric signals would be

desirable for PRR Yours Truly J. Walter Williams

Menlo Park, Aug 13/77

T. A. Edison Esq

Dear Sir – Will you at your earliest convenience, let me know as near as you can get at it, the amount paid by you to Prof. Reid for perfect drawing last Winter – and about what it would have been, provided the letter had been given you

Respectfully yrs

W. H. Greene

N Parke
Aug 17. 1877

Deansville Aug 17th 1877

T. A. Edison
Dear Sir I received your letter I can work it better with a small Bar through a large resistance it all depends upon them small Bar-Magnets I know just what to do it will goe without them but not very good you did not say if you would come up with me I have a man ready to do do but shall give you the first chance I propose to take out a Patent upon it
Ever

If you wish to use
will take out the
Patent painting
if you lay all the
Expences and use ~~your~~
all your influence to
introduce it
Else let me hear
from you soon

I have not received
the Machine on Bourjet

There is a nothing curious
thing about it that I
have not told you about
lay a 1/4 inch Rod of Iron
on the end of the infinitely
long ⊏ thus now take
a peace of Iron
in your hand now
Rod
A
A
Enter the End of
Rod with it at AA

and the tone will seem
to be at AA another
thing open your hand
Raise ~~your~~ and lower your
hand away the cord
and I will alter the
tone now put your
finger in one of two
cups or Battys and
it will alter the
tone
I wish I could
be with you a short
time

Yours

N. Tesla

H Parker
Aug 18. 1877

Danville Aug 18th

Mrs Edison.

Dear I forgot to
Tell you to put the
Machine I sent you
on a Box if possible/better
do not use the large a
Battery 2 cups seems
to work it the best
I wish I could have
come with it I can
work it good you
may have some trouble
it will work any
Cable as fast as they
do not and if you
have trouble let me

know if I had the
means to come I would
come and show you
what it will do
I could show you it
is the most wonderful
Machine in the world.

Yours

N. Parks

OFFICE OF

HENRY STEWART,

**Manufacturer of Sewing Machines,**

528 EIGHTH AVENUE.

☞ Postal Orders payable at Station "E."

New York, Aug 21st 1877

Mr Thos A. Edison
Menlo Park N.J.

Dear Sir

I wish you would send me 4 Swivel Vices at 3¼ and also let me know your lowest Nett Cash Price for the Check that you wrote about if the price suits will buy it.

Enclosed please find Check for Thirty four (34.24) Dollars in settlement for Cutter Grinder minus the freight 96c. for which please acknowledge receipt

and oblige
Yours Respectfully,
H. Stewart
Wm McCaughey

1 Check $10
13
Due $23

Henry Draper
Aug 22. 1877

~~271 Madison Avenue,~~
New-York.

Dobbs Ferry
N.Y.
Aug 22 1877

J. A. Brown Esq
My dear Sir

The map of Kirchhoff & Roscoe or Schellen is as large as anything published. I think some of the lines you see in D are atmospheric. With my 5 plate spectroscope there are quite a large number toward sunset. — There is no doubt you can see bright lines in the spectrum look for instance near b.

I am glad you are proposing with the saints; it is a curious subject.

Yours truly
Henry Draper

OFFICE OF

HENRY STEWART,

**Manufacturer of Sewing Machines,**

528 EIGHTH AVENUE,

☞ Postal Orders payable at Station "E."

New York Aug 27 1877

Mr Edison

Dear Sir

Send on the check with the 100 I will take it

Yours Respt

H Stewart

4 Pcs 3 25 —

1 Check 15 —

Aug 31/77

7 AE

Did you get the information from Washington as to enrollments? Very important. Let me know ~~when~~ about this at once. Take let me hear from you whenever are next in town.

Did you get any word from McLean?

Z J C R

My Sept 3/77

J.A.E.

The letter was
sent to Sarnia
people - they are
good & you owed it to
to defend your rights
etc —
there are two sets in
worship I learn -
Remember the ladies to
promptly. Will you be in
the mill?

Yours J.C. Reiff

**Z. R. BENNETT,**

**Plain and Fancy Job Printer,**

No. 66 Cortlandt Street,

New-York, Sept 4 1877

T. A. Edison Esq

Your Postal Card was received yesterday, but I fail to understand its significance, as your books were shipped on the 29th of August. If you have not received them, please let me know.

Respectfully

Z. R. Bennett

I could not write sooner, as I have the moment returned from the country, having been absent since Saturday.

Ans B.

ELECTRIC PEN AND DUPLICATING PRESS.
GEO. H. BLAIR, Gen'l Mgr's
Office of CHICAGO
R. HENRY,
Gen. Eastern Agt.
20 NEW CHURCH ST

NEW YORK Sept 5 1877

T A Edison Esq

Sir

I have entered suit against Domestic and ask the Court to appoint Receiver this is sold push I think I can carry it also Entered suit against A&P for Quad Bill $110.00 this I can win if you will help me as Witness if not I had better not begin it will be at Newark please tell me if I can depend on you or not Truly Yours

It will be next week T F Murray

J. S. Murray
Oct 5. 1844

Answer by
Letter

ELECTRIC PEN AND DUPLICATING PRESS.

220 TO 232 KINZIE ST.

Geo. H. Briss,
GENL MANAGER.

CHICAGO Sept 6 1877.

T. A. Edison Esq.
Menlo Park, N.J.

Dear Sir:

The W. E. U. T. Co. [illegible] you some more money that latter part of this week. Please use it to fix your German patent and get that to Tatary pretty young. Am glad to hear your telephone is planning [illegible] do well. If ready to go on the market it ought to scoop the field. I see Preece did not give your telephone much of a lift in his recent address but then he did not see it perfect 2. Bell seems to be experimenting with Sir Wm Thompson Wallace has been here and gone. I expect to be on the middle or last of next week. Wheeler is going over to Canada to start up the Pen business.

Respectfully
Geo. H. Briss

Geo. T. Barker
Sept 10. 1877

3909 Locust St.
Philadelphia Sept. 10. 1877.

My dear Sir:—

I have just reached home from my vacation in the country and find your letter of Aug. 2d upon my table.

I am delighted at what you tell me of your great success in perfecting the articulation of your telephone. From what you say it must be far better than Bell's. When in Boston the other day the Manager of the N. E. Telephone Co. told me they had already 2000 Bell telephones in use. You know the Co. only rents them ($35 a year) and will not sell one to anybody. They were very short with me when

I made some inquiries about Bell's patents. I hope I may have your assistance in giving that lecture to my class this fall from my house five squares away. Will you send me by Express as soon as you can, that small receiving apparatus which you said you would loan me? I mean the one which goes by a magnetic engine. I want to try it as it is and then if I can't use it, I will put on a crank myself. As to a transmitter, what can you send me to experiment on? Anything that will do, that you can spare as well as not. By the way, Mr. Richards the mechanical engineer of Colt's Armory Hartford tells me the other day that graphite does not diminish in resistance by compression. It is true it appears to if you squeeze in a vise a cylinder of graphite between two strips of copper; but if the circuit through the graphite is made by placing the wires near, not at, the ends [ ] thus, there is no increase of conductivity during compression. He hence believes that the effect you get, which is undoubted, is due simply to improved contact at the first and last surfaces.

Can you get for me, or have fitted up for me, one of your automatic instruments? I want simply the metal parts. I will put them on a table; I want to experiment to determine the accuracy of some of Koenig's forks.

The phenomenon you mention

of India rubber is well known & is mentioned by Tyndall in "Heat" and others. As it heats by being stretched, unlike other bodies, so unlike them, when it is heated it contracts; the two phenomena being of the same order.

The facts concerning those lamentations are very interesting. When I get a good condenser I shall try the experiments you mention.

When at Mr. Wallace's the other day he heated for us with his new magnets 18 feet of 1/4 inch copper wire brightred in daylight!

Our friend Draper has struck a good thing, has he not? Now have heard of course that he has discovered a third satellite of Mars. When you are here come & see me.

Cordially yours Geo. H. Barker.

J. A. Edison Esq.

N. Parker
Sep 11, 1877

1877

Deansville Sep 11th

Mr T A Edison

Dear Sir Please on the Receipt of this forward my Instrument to Mr D. Herbert of 123 Garden St Hoboken or to No 2 Exchange Court New York Room 38 for I have placed my Invention in his hands who has known me for years and is a tryed friend of mine I have sent you 2 letters to you and you do not answer or send my Instrument Back

Yr, Parker

ESTABLISHED 1859.

VARNISH

BERRY BROTHERS

MANUFACTURERS

Detroit, Mich. Sept 13th 1877.

T. A. Edison Esq.

Dear Sir

Enclosed please find bill of Jas. apparatus furnished you. Please comply with terms of agreement and oblige

Yours truly

Berry Bros

O.C.

Thomas Fridger
Sept 16
1877

No B

18 Victoria Gazet (R)
Leamington
England
Sep. 16th 1877.

To T A Edison Esq

Dear Sir I am going to lecture on telegraphy at the British Horological Institute on the 16th of October next. Will you authorize my use of your duplex system and particularly of your telephone. I should be obliged for any information or details concerning the same you might forward me. For which I shall be much your in advance and

Remain yours very
respectfully
Thomas Fridger

**MEMORANDUM.** Sep 20th 187

FROM
WILLIAM LADD & Co.,
11 & 12, BEAK STREET,
REGENT STREET, LONDON,
W.

To J. A. Edison Esq
Menlo Park.
New Jersey U.S.A.

Dear Sir
We have been instructed to forward
type to accompany Bedel polarising apparatus,
with W. W. H. Preece's compliments. —
Yours truly
W. Ladd & Co.
Ch.

E S Condit
Feb 22. 1877

Newark Feb 22/77

Thos. A. Edson Esq
Dr Sir

I sent Mr Wackerman with a notice of Mechanic's Lien which was served upon you last week —

I now write to inform you that unless you retain the amt due Wackerman from the amt due from you to the Contractor, I am instructed by my client to sue for the same.

Will you kindly advise me whether this course (unpleasant to me)

will be necessary? —
Allow me to
suggest that you con-
sult your Counsel
as to your rights in
the matter before favoring
me with a response
I oblige

Yours Obdt Servt
E. S. Mendes
Atty & Co
23 Allingst
Newark
N. J.

OFFICE OF

HENRY STEWART,

**Manufacturer of Sewing Machines,**

528 EIGHTH AVENUE.

☞ Postal Orders payable at Station "E."

New York Sept 24th 1877

Mr. T. Edison Esq
Menlo Park N.J.

Dear Sir –

Enclosed please find check for $23.00 to balance a/c to date – Please acknowledge receipt of same. Will you please quote us your lowest price for a good speed lathe. also a 10" shaping machine) – We want a good article –

If you are willing to take our check for $12.00 for 4 more ecobel vises same as last let us know and we will send it along at once.

An early reply will oblige.

Very Truly Yrs

Henry Stewart
Jr.

[FROM WILLIAM H. PREECE]

TEL. — ENGLAND

General Post Office
London
28th September 1877.

Dear Edison,

I was disappointed on the arrival of Gerritt Smith and Hamilton to find that they had not brought with them a sample of your talking telephone —

We are very anxious indeed in England to see what you have done, particularly with the transmitting portion, and I shall be extremely obliged if, as soon as you are in a position to do so, you will send me at least the transmitting portion, if not the whole —

Bell has done nothing as yet in England. The instrument does not overcome the difficulty of cross fire which with us is very severe indeed in our town work. It is due more to induction than to leakage for our gutta percha wires in dry pipes induce currents

currents in each other to a very large extent -

I have tried mica for a vibrating diaphragm on your musical telephone and it comes out very much better - I have not the slightest doubt that the next time I exhibit it that it will produce a very powerful effect. I have not liked to do anything with it while Bell is here pushing his own concern, but as soon as Bell retires I shall probably then have some opportunity of bringing the matter forward publicly - Indeed I have already promised to give three or four different lectures -

I am anxiously looking forward for the other new thing that you promised, and shall always be pleased to hear of or from you.

Smith and Hamilton have started the quad between London and Liverpool and it has gone off first rate. Smith is very confident of ultimate success, but he has not yet seen what an English wet day is - We have given him a good wire and he certainly has received a very much better reception and has had more facilities given him than you had when you were over here. In point of fact you were unfortunate enough to tumble into the wrong hands -

Yours very truly

W. H. Preece

T. A. Edison Esq.
Menlow Park
New Jersey
U.S.A.

OFFICE OF

HENRY STEWART,

**Manufacturer of Sewing Machines,**

528 EIGHTH AVENUE,

☞ Postal Orders payable at Station "E."

New York, Sept 29th 1887

T. A. Edison Esq
Menlo Park N.J.

Dear Sir.

Replying to your favor of 29th you may send the goods along at price named - also the shafter attach if you are willing to allow us 20% on same -

Please advise us at your earliest convenience

Yours truly &c

Henry Stewart

Sept 30th Received C.O.D. in shipping order on Monday to Geo Phoenix Jr. & we will be before long

Oct 3. We write to Edison & when he gets advice from you we can go for goods

As there can give him a good Trade Discount

Oct 9. Special Lot of 40 of Coffin work - over to Stewart go by freight

Send Bill for item of $3 and oblige

Consignors

G. W. Gooker
Sep 30.

UNIVERSITY OF PENNSYLVANIA,

PHILADELPHIA. Sept. 30. 1877.

My dear Sir:—

I am much obliged for your letter of the 5th and for your promise to fit me out for the lectures. Would it be possible for you to send me the transmitter and receiver some time this week so that I can experiment some with it before using it before my class? I suppose that receiver with the electric engine which you showed me would do perfectly well. And as for the transmitter I would like one in which I could use either a plumbago or a platinum point. You did not tell me whether you could have made for me one of your automatic instruments for tuning fork experiments. I am very glad to know of the prog-

see your speaking telephone is making and am sure it must supersede Bell's for general use. As to the point you raise, while all you say is true enough, you should go one step further back. It is true as you state that the energy of the induced current is proportional to the square of the amplitude of vibration of the plate. To go back a step further, however, the intensity of the sound is also proportional to the square of the amplitude. A sound of 4, for example, will produce a vibration in the plate of amplitude 2, and this vibration of amplitude 2 will in its turn, produce a current of intensity 4, corresponding to the original intensity of the sound. A sound double this in intensity will produce an amplitude of $\sqrt{8}$ and the amplitude of current of 8 as before. Precisely the same result is reached if you reason upon the phenomena taking place at the receiving end, where the order of events is exactly reversed, and, except for the loss by resistance, the phenomena of the sending end are exactly reproduced in the inverse order. If the current were as the square of the amplitude at the sending end, the sound at the receiving end would be as the square root of the current and things would be restored to their normal condition.

By the way, and between ourselves, these telephone concerts are doing you no good. Johnson may do his best & yet that man Read don't understand his business. The concert at the Exhibition failed from a want of arrangement on his part. I hear on my Bell telephone all the music which goes over the wires on the same poles.

Your rubber phenomenon is of an entirely different order from that observed in elastic rubber, mentioned in your former letter. While elastic rubber contracts on heating, hard rubber expands; hence both phenomena. When

the hard rubber plate is bent, the convex surface is extended, the concave compressed, as is the case with beams & under angular strain. Now expanding a body which heating expands, cools it; and conversely compression heats it. This phenomenon may be observed with any elastic material which is a poor conductor of heat; my paper knife, which is of wood, shows the same heating and cooling, though not to the same degree. Your suggestions relative to the production of alternate heat & cold waves is, like all your ideas, extremely original & ingenious.

At noon there is still air and moisture between us & the sun though less than ~~as crossed. There are even~~ atmospheric (probably moisture) lines between the two D lines, beside the nickel line. Kirchhoff's map has many air lines in it, but there are vastly more lines in the spectrum than there are on Kirchhoff's map.

Come & see me when you can & we will talk these things over.

Cordially yours
Asaph Hall

L. A. Edison, Esq.

E. REMINGTON & SONS.

Office of Remingtons Armory

Ilion, N.Y. OCT. 1ST. (1879)

MR. EDISON :

MY DEAR SIR:

I EXPECTED WHEN I RETURNED TO ILION TO MAKE ARRANGEMENTS BY WHICH I COULD AVAIL MYSELF OF YOUR ASSISTENCE IN PERFECTING MY TYPE WRITER. I FOUND SOME DIFFICULTY IN DOING SO HOWEVER. THE FIRM ARE VERY SHORT OF FUNDS AND NOT SEEMING TO FAVOR THE PROPOSITION I ABANDONED IT FOR THE TIME. I INTENDED TO HAVE WRITTEN TO THAT EFFECT , BUT YOU PROBABLY KNOW WHAT BECOMES OF AN INVENTORS GOOD INTENTIONS . I AM GETTING ALONG SLOWLY BUT QUITE SATISFACTORILY. I AM GLAD TO HEAR THROUGH THE PAPERS OF THE SUCCESS OF YOUR TELEPHONIC EXPERIMENTS.

I AM VERY WELL SATISFIED HERE . THE PEOPLE ARE OF THE RIGHT SORT , ALTHOUGH THEIR AFFAIRS ARE IN RATHER AN UNCERTAIN CONDITION WHICH MAKES ME A LITTLE UNCERTAIN OF THE FUTURE OF MY MACHINE IN CONNECTION WITH THIS ESTABLISHMENT.

I AM WRITING THIS ON A SHOALS MACHINE FROM WHICH YOU WILL CONCLUDE THAT I HAVE NOT ONE OF MY OWN TO USE.

REGARDS TO MR MILLER.

YOURS TRULY,

JAS. B. HAMMOND

OFFICE OF

HENRY STEWART,

**Manufacturer of Sewing Machines,**

528 EIGHTH AVENUE,

☞ Postal Orders payable at Station "E."

New York Oct 2d 1877

T. A. Edison Esq.
Menlo Park N.J.

Dear Sir

Your favor of this date duly rec'd. If the lathe you speak of has been a Fitchburg slide lathe we would have been glad to hear of it — as it is a flat lathe we can not use it

With thanks for your courtesy Very Truly Yours

Henry Stewart
Jr.

ELECTRIC PEN AND DUPLICATING PRESS

GEO. H. BLISS, Genl Mgr
225 WABASH AV. CHICAGO.

R. HENRY,
Gen. Eastern Agt.

20 NEW CHURCH ST.

NEW YORK Oct 4 1877.

Mr Edison:

Gentleman from Washington with whom you had an appointment today called & not finding you wishes me to say to you that he can be found at 5th Ave Hotel

Henry

President.
GEN. ANSON STAGER, CHICAGO.
Corresponding Secretary.
L. N. MILLER, CHILLICOTHE, O.
Recording Secretary.
F. W. JONES, CHICAGO.
C. S. JONES, CHICAGO.
Treasurer.
E. B. CHANDLER, CHICAGO.
Chairman Executive Committee.
J. J. S. WILSON, CHICAGO.
C. H. SUMMERS, CHICAGO.

# AMERICAN ELECTRICAL SOCIETY,

Chicago, October 5, 1887

Thos. A. Edison Esq.

Dear Sir

The fourth annual meeting of the American Electrical Society will occur in Chicago, 17th inst. The Executive Committee is very desirous of your presence upon the occasion and hereby extend you a cordial invitation. It would be gratifying to have you exhibit your telephone and another or two that you may elect. The proceedings of the meeting will be published in the Society Journal and your name should certainly appear identified with the interests of our Society.

Please give us an early and a favorable reply.

Very Respectfully

F. W. Jones

Corresponding Secretary

H. W. Tel Co

President.
GEN. ANSON STAGER, CHICAGO.

Corresponding Secretary.
~~T. A. EDISON, MENLO PARK, N.J.~~
F. W. JONES, CHICAGO.

Recording Secretary.
C. S. JONES, CHICAGO.

Treasurer.
E. R. CHANDLER, CHICAGO.

Chairman Executive Committee.
~~C. H. SUMMERS, CHICAGO.~~

# AMERICAN ELECTRICAL SOCIETY,

Chicago, Ill.
~~Chillicothe, O.~~, Oct 10th 1887

T. A. Edison Esq.
Dear Sir

Your favor of 7th duly received. It will be a matter of considerable regret if you are prevented from being with us at our annual meeting. Should it be inevitable please favor us with the telephone as they will be of much interest. A paper to read before the Society would be acceptable.

Yours very Respectfully
F. W. Jones

Miller
Oct 15. 1877

Monday. Oct. 15/77.

Edwin

Mr O. is home sick, and will not be in the City today.

I have notice this am that the rest of Murray's Cargo are ready.

[redacted] M. said that he would stay at home today and push his work.

Miller

Z. R. BENNETT,

Plain and Fancy Job Printer,

No. 66 Cortlandt Street.

New-York, Oct 14 1877

T. A. Edison, Esq.

Will you not oblige me by remitting the amount of my bill ($13.00). That bill was nearly all outlay for stock and binding and two months time is all I can afford to give on it.

Respectfully,

Z. R. Bennett

P.S. – I have written you twice before and received no answer. I should like to hear from thee.

Newark. Oct. 20th. 1877

Prof. T. A. Edison

Dear Sir

I have taken this opportunity to write to inform you of my claim amounting to $66.97 cts which I am in need of very much at the present time when I was at your house the last time I had no chance to speak to you. I quit working for Morkright then seeing I was getting nothing for my labor he promised to pay me as soon as the slabs sink and Boiler were in. I went with the understanding as such with the man he had working with him there without charging them any extra times he has used me shamefully I did not say anything about my pay for some days. and when I asked him he said that he had not received no money from you but his Brother said he had. I would have seed him before but he is not with using knowing you would not settle with him till the work was finished. I was not uneasy about my Claim. I have had no chance to go and see you since I sent my Brother on monday but he did not see you. but your wife and she seed she would mention it to you. and let me know by letter please write and let me know by doing so you will confer a great favor on me

Yours Most Respectfully

Direct E. O. Wackermann  E. O. Wackermann

No. 387. Plane
Cor Williams st

Newark N.J.

Memo. 117

Phonograph

Washington. D.C.
Oct 23 1877.

My dear Edison:-

Tell me something more about your wonderful invention in recording the human voice. I need not say that you had better keep it perfectly secret. It is so remarkable that I do not understand it at all, and it is an invention too or discovery, which, if you have made it you need go no further. The recording of the words on paper would be sufficient, provided they are recorded, without being reproduced articulately.

In regard to the scientific instruments you are very right, and I will do everything I can to have that duty taken off.

Please write me also that you will call upon me at the Tofft Avenue Hotel when I am there and I will have you notified when I am there, so that we can talk the matter over. I am very much interested.

Yours truly,

Wm. Smith

Thomas A. Edison Esq
Menlow Park
New Jersey.

N. Y. Oct 23 rd 77

T A Edison Esq

Sir

I received letter from Norris he got Judgement for us against the Domestic they did not appear or defend there case I Paid your Cost and told him to push them as fast as possible and he will do so he put it in Sheriff hand to levy on there office so our time has come for settlement with them they cant put it off —

Everything goes wrong in telephone business but I am near the end and ready for the next with experience that will help me in future Murray

Edison wrote back, "Write with it to do as Shall I Write Hamilton as you get Jot from N.Y. that I returned to Philadelphia Henry Lee Sample"

ESTABLISHED 1858.

VARNISH

BERRY BROTHERS

MANUFACTURERS

Detroit, Mich. Oct 23 1877

T A Edison
Menlo Park N J

Dear Sir

Can we have settlement for Gas Apparatus In accordance with terms of Contract, it is now 2 mos since the work was done

You early attention to this will greatly oblige

Yours &c
Berry Brothers
per

STATEMENT.

Detroit, Oct 23 1877

Mr T A Edison
Menlo Park N J

Mr BERRY BROTHERS, Dr.

| Terms | | | |
|---|---|---|---|
| 1799 | | | |
| Aug 24 | To Gas Apparatus | | 425.00 |
| | — Cr — | | |
| | By cash paid to Gas fitter | 35.00 | |
| | | | 390.00 |

MEMORANDUM.

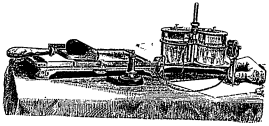
To
Mr. T. A. Edison Esq.
Menlo Park N.J.

From Office of
HENRY STEWART,
Manufacturer of Sewing Machines,
528 Eighth Ave., NEW YORK, Oct 27 1877.

Dear Sir.

Simply to yours of 22d we would be glad to have the centres for that shafter — Thought they were lost in camp. We are moving into a larger factory and may need something in your line.

Very Truly Yours Henry Stewart



Newport Oct 27th 77

Mr Edison

Dear sir

I called on you requesting me to do on Saturday and waited until the time designated by you to meet you but you did not come so I thought that I would give you time to see you that I would be over on next monday afternoon and if possible for you to meet me or the money with the man in charge By doing so you will oblige

Yours Respectfully
E. A. Wackenna
Jr E. A. Wackenna

Get a receipt ~~for~~
~~[illegible]~~
~~for~~ for $25.00

ESTABLISHED 1850.

VARNISH

BERRY BROTHERS

MANUFACTURERS

Detroit, Mich. Oct 27 1877

Thos A. Edison
Menlo Park N.J.

Dear Sir

Your favor with remittance & note &c to cover Gas-Apparatus acct is to hand. We understood that, the Account was made in case the cash was paid however on Mr Mackinnon's letter being very plain on the matter we have balanced your a/c. We have put a tested oil cook note to present to 20 new church st N.Y. as directed. Trusting the influence of your light will be the means of further orders We remain

Yours Respy
Berry Brothers

---

FROM

WILLIAM LADD & Co.,
11 & 12, BEAK STREET,
REGENT STREET, LONDON,
W.

MEMORANDUM.

Oct 27th 1877

To
Thos A. Edison Esq
Menlo Park
New Jersey U.S.A.

Dear Sir
We send you herewith a few glass cases
Trophies thus taken in honour of the following
Operations. Yours truly W. Ladd & Co.

Ch Worth
Oct 28. 77

Newark N.J. Octo. 25th 1877

T. A. Edison Esq. Menlo Park N.J.

Dear Sir.
Will you be kind enough to send me a check for $45.50 before the 31st of this month and oblige

Respectfully yours

Chas Worth
73 Park-Street.

Jacob Hey
Nov 3. 77

Newark N.J. Nov 3/77

Mr Batchelor
Menlo Park N.J.

Dear Sir: I write you this letter to ask if you would please be so kind as to send me a check for amount of statement mailed on the first.

You understand that I have for sometime past been greatly embarrassed owing to my having endorsed several notes and in order to relieve myself of the same I intend to apply for a discharge.

A favorable answer will greatly oblige

Yours Jacob Hey

N.B. My object is to collect all monies due me before I ~~enlist~~ apply for a discharge, which I will have to do very soon, in order to get it.

Kenn Pat Sens. S.

NATHAN S. HOYNSON, President.
O. BRIGGS, Treasurer.
CHARLES LOGHRIN,
WILLIAM W. MOHNSON,
JOHN F. WILLOX,
S. D. CLARK, Superintendent.
JAMES S. KIRKPATRICK, Consulting Engineer.
LEWIS AYKINS, Secretary.
Commissioners.

# CITY OF PORT HURON.

OFFICE BOARD OF PUBLIC WORKS.

Port Huron, Mich. Nov. 4th 1877

T. A. Edison Esqr

Dr Sir: —

I just saw Marcus Young who told me that Bateau, was not yet disposed of; as regards the Agency of your Autographic pens, I deem it perfect Contempt towards me, after I had written for the agency long before Marcus Young even thought of it. Besides I deem it a specimen of silent Contempt not desired by me and ungentlemanly in its action; not even to send me a word of reply, either from your Father or yourself. Your Father and I have been old Mutual friends; and whatever you may deem fit to do, he at least should command a reply to my letter. Perhaps it is because I did not enclose a postage stamp. I did not think that 3cts would make

any difference, if it has made any at all;
I sincerely think that I am as
creditable, and as responsible
as Marcus Young or any other
man, for the trivial matter of
$30 worth of an apparatus; But while
I thus speak of Marcus Young, I
want it understood that I do not speak
disparaging of him, or any other
man, But I feel that you have
slighted me, and I want you
to know it. That's all.

Yours &c

James L. Kemsefort.

Mr. Kennedy &
Dec 8 1875

NY Nov 8/77

I said Nomis ~~to day~~ –
Don't fail to bring in all
your papers. Especially copy
of Domestic contract if you have
me. I must see you
I want to talk about the
Phonograph.
where is Edg.?

T. A. E.

November 9] Thursday morn.

Nothing yet from you. Can you
not ~~loan me~~ a singing trans-
mitter, a talking transmitter and
a motograph receiver? It will be
of no use unless I get it Tuesday.
Do not do anything elaborate.
want only to show the principle.

Yrs T. A. E.

ROSS H. HOLMES,
(Late of Parker, Holmes & Co.)
R. WAGNER.

OFFICE OF

**HOLMES & WAGNER,**

*WHOLESALE TOBACCONISTS,*

SOLE AGENTS IN DETROIT FOR
**P. Lorillard & Co's Tobaccos.**

112 JEFFERSON AVE., Michigan Exchange Block.

Detroit, Nov 12 1877

Thos. A. Edison Esq.
Menlo Park N.J.

My dear Ali

My old friend & brother railroader McGregor is going East in search of something that will be more profitable and satisfactory than his present position. it would seem almost superfluous for me to say anything in addition to the letters he bears from our best & most prominent business men, but knowing as I do both his social & business standing I feel my endorsement would have some weight with you. I can truthfully say that these letters are but partial portrait - His devotion & untiring energy in the service of the Det. Div. Ry. have been beyond a complete success

Whilst at the same time he has
had a secret & treacherous
Plan at constantly on his track
ready to checkmate him on every
turn & every move he makes
for his own good. His Efforts
in behalf of the Bell Telephone has
made it a success after others
had taken it up & completely failed.

Hope you may have something
within your own control which
~~you can place in his hands~~ [illegible]
I confidently believe there is no
man in the country who could
place it before the public and bring
out its best points with such success
as he —

I congratulate you upon your
great progress & attainments with
the "Little fluid" & trust you may go
on in your upward march. I have
come to the conclusion that there is
nothing ~~[illegible]~~ too great for you when
you set your mind out to do a work.
With great respect & esteem I remain
Yours truly & sincerely — [illegible]

Prof. A. Edison Esq.

Menlo Park N.J.

FOSTER'S PATENT AGENCY WASHINGTON

Dear Sir,

Nov. 16th 1877

A client of mine desires to obtain a registering device which has a capacity of 500 per second. A wheel with 500 teeth revolves once per second and it is necessary to record accurately the number of teeth (which is variable) brought into contact with a spring finger at each revolution.

Maj. Wilber, examiner of Interferences, (who authorizes the use of his name) states that he believes you have arranged a magnet & armature so as to indicate 1000 contacts per second. If you think you device would answer the purpose I would be glad to hear from you in relation to it.

Yours truly

C. E. Foster


**TESTIMONIAL.**

U. S. PATENT OFFICE,
WASHINGTON, D. C.

I have known Mr. Foster many years, as an Attorney, practicing before this office. He is an honest, high-minded gentleman. His connection with the management of cases has been marked by uncommon fidelity, fairness and ability.

ELIAS SPEAR,
Commissioner of Patents.

**REFERENCES.**

Sen. J. H. Gomez, Ga.
Hon. D. H. Smith, Elmira, N. Y.
Hon. J. H. Lawson, Ms.
Hon. W. G. Fawcett, Hyde'l, Va
F. Buetherger Esq., Charleston, South Carolina.
W. M. Tenney, Esq. Corning, Iowa and others.

Constant personal attendance at the Patent Office, Washington, facility of access to the drawings, models and records enable the Examiners of these offices to procure, without delay, all matters entrusted to them.

Special attention is given to renewing and prosecuting abandoned and rejected cases.

No papers filed without sending the money by the applicant. Copies of all official letters forwarded.

**EXAMINATIONS.**

For $5.00 a search will be made before filing an application in the Patent Office to ascertain whether an invention is new. Should the case afterward be proceeded with, the $5.00 will be deducted from the fee.

**COST OF A PATENT.**

The usual Agency fee is - $10
The Government fees, payable in five installments, are - - - 80
Total fees including all charges 90

Send for pamphlet on Patents and References. Address all communications, to

C. E. Foster,
WASHINGTON, D. C.

OFFICE D.C.

Washington D.C.
Nov 13/77.

My dear T.A.

I learn that Prof Henry said you made complimentary at the E.A.J. concert here —

He said you was the the most ingenious inventor in this country, & he testified that said or in any other.

The opportunity to say this, was the only work showing pains

Knitted Prof H, as
Elk can explain —
U.A.P. effort to advertise
You is work a note of
thanks —
Dont fail to get preliminary
Statement ready
Come to house Tuesday,
~~Please let me know~~
Trust you are not so busy
that you cannot give
me a moment to find out
anything on hand for
You & you are to me

Harold J C R

G. F. Barker
Nov 77

UNIVERSITY OF PENNSYLVANIA,

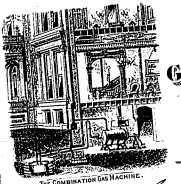
PHILADELPHIA, Nov. 20, 1877.

Dear Sir:-

I am more disappointed than I can tell you at your failure to send me even the least thing which I can use to illustrate your telephone. I saw plenty of things in your shop with the loan of which I should have been quite satisfied. You need not have spent a moment more than the time necessary to order them boxed and expressed. There was a motograph receiver there which would have answered my purpose entirely and this I wanted most. Then there were lots

of your lampblack transmitter, one of which might certainly have been loaned me for a fortnight. As to a singing transmitter, I could get along without that perhaps. But now I have to go to Indiana on Thursday and my lectures can be only advertisements for Bell's telephone. I say I am exceedingly disappointed at this result, because I spoke to you about this matter in July last; and I reason that what the past has not permitted you to do, the future will not either. You are always full of business you know. I would not have gone back on you this way for the world.

Yours truly,
George F. Barker.



THE COMBINATION GAS MACHINE.

THE
COMBINATION
GAS MACHINE COMPANY.

Factory & Office Cor. Leib & Wight Sts.

FOR LIGHTING CHURCHES, COURT HOUSES, SCHOOLS, DWELLINGS, HOTELS, STORES, BANKS, OFFICES, HOUSES, FACTORIES, MILLS, &c.

Detroit, Mich. Nov. 21st 1877

T. A. Edison Esq.
Menlo Park - N.J.

Dear Sir

We shall esteem it a favor if upon receipt of this you will kindly write us, enclosing a short Certificate setting forth the degree of satisfaction given you by our Gas Machine, as we have lately had several enquiries for our Machines & wish to labor upon some parties before ordering, and some one using Machine for this purpose hear from some one using Machine for this purpose therefore a letter from you will be of considerable service to us -

Hoping to hear from you soon

Yours truly
The Combination Gas Machine Co
James H. Mason Manager

In order that we may keep our Gas Machine and Lamps in perfect working order, and efficient, we have organized a "The Combination Gas Machine Co." of which we are the Sole Agents for the Gas Machine Business, and have established a "The Combination Gas Machine Co." of which we are the Sole Agents, Detroit, Mich.

**L. R. BENNETT,**

**Plain and Fancy Job Printer,**

No. 66 Cortlandt Street,

New York, Nov 26 1877

Mr Edison:

I would be under very great obligation if you would remit to me the balance due on my bill. The bill for Laboratory Mr Roth was $11.50, but there was a balance of $1.50 from an old account which Mr Batchelor can tell you about, leaving now due to me exactly $8.00. I don't want to seem impatient about the matter but the account has now been standing three months, and the profit on the job was very small – in fact, it was nearly all cash outlay for stock.

Hoping that you will attend to this at once I am

Very respectfully

L. R. Bennett

Rec'd Menlo Park
Nov 28. '77

Room 20,
62 Broadway
New York, Nov 28/77

Thos. A. Edison. Esq.

My Dear Sir -

An intimate friend Mr McKenzie from Detroit has kindly given me a letter of introduction to you. He says you have a successful motor of sufficient power for running Sewing Machines and other light machinery, and that your Battery is simple & easily cared for. I am

not an electrician but know from my connection with telegraph matters, that if you have such a rector that it can be made of value by proper handling - I have spent considerable money in that direction already and the drawback has been the question of fitting. If you will please let me know on what day of any next week you will be at home and have a little leisure to show me your rector I would like to visit you.

Yours truly
H.S.B. Demoklee
Sup't
Harmonic Telegraph Co.

VESTIBULE GLASS,
GLASS SIGNS.
CAR & STEAMBOAT LIGHTS,
PANELS, CAGE LIGHTS, &c.
Glass ground by the Box.

OFFICE OF
NEW YORK SAND BLAST WORKS,
145 & 147 MULBERRY STREET,
SARGENT & BURGER, Proprietors.

ORNAMENTAL
GAS GLOBES,
KEROSENE GLOBES,
ARGANDS, SHADES,
SHADE BELLS,
CHIMNEYS, &c.

New York, Apr 21 1877

Thomas Edison Esq
Menlo Park N.J.

Dear Sir

Some time ago a piece of glass foiled in the hope that you would by electricity cut a sharp line in the foil for the purpose of glass ornamenting & stippling you have been so much occupied that I have not given it much attention. Could you spare time to call on me I could show you the work as now done by hand & you could get a better idea than in any other way. If on seeing it you thought it feasible I would myself spend a little money to make the preliminary trial from interest in it. I since I started the idea I have heard of a party in Newark who has carried the idea into the making of some experiments. If there a great many are made for a variety of purposes. Made very largely. Not sample of his success as I had his address given me I invited him to call & show me what he had with a view of buying his he does not call. I have heard no further of his success but it seems to me feasible it would open a wide field

which might be done by you with your experience which I doubt he can do. I would like to leave this whole matter with you. if you have time to attend to it. though I dont know how much there is in it.

Yours MS

Henry W. Law

Hon. Wm. Lloyd

I may be for silencing work he is a head of his but if you can use this boy. He in Stonington find out where he was or what he has if he can do it apply at once for a patent I may be mistaken but I really think it worth your attention

# Denver and Rio Grande Railway Company.

TREASURER'S OFFICE.

R. F. WEITBREC,
*Treasurer.*

Colorado Springs, Colo., Dec 1 1877

T. A. Edison
Care Atlantic & Pac Tele Co
New York.

To be forwarded to him.

Dear Sir. I was in New York last November but my time was so limited that I was unable to run down to your place to see how you were getting along and to talk over old times in Louisville. I am moved to write you now because we are in want of a machine for recording the speed of a locomotive, so that after a run it can be seen at a glance how fast an Engine has been running, how long it stood still, and at what part of the trip it occurred. In short a device that will be a perfect check on fast running. The machine should be constructed small enough to be placed in the ~~box~~ cab of a narrow gauge locomotive so the Engineer could see by the record how fast he was running; and if possible it should be so arranged as to show when it gets out of order whether or not it has been tampered with. Can you get up something of the kind? It

# Denver and Rio Grande Railway Company.

TREASURER'S OFFICE.

2

R. F. WEITBREC,
Treasurer.

Colorado Springs, Colo., 187

is an instrument very much needed on Railroads where Telegraph stations are not frequent (telegraph offices at short intervals being ~~a~~ cheap enough) and after a very extended correspondence I have been unable to find any that are exactly suitable. There are some that are admirably adapted to cabooses, but as cars never go without an Engine unless they get away on a grade — and Engines often run without a car — these instruments I have referred to are lacking in an essential point. Fast running is common on light Engines. We have 26 Engines on the road & would use a good speed indicator on all of them if a satisfactory one that was not too expensive could be furnished.

I had a letter from Frank Curtiss the other day. He is in Cin. But I seldom hear of any other old ones.

Yours truly R F Weitbrec

Dear Sir

I far. recd. I do not know of anything that will present. My going out on Wednesday next, with samples as you propose

Yours truly

Henry Wolair

N.Y. Dec 3/77

Allegheny Observatory,

Allegheny, Penn'a.

Dec. 3. 1877

Dear Sir,

Your letter of Oct. 29 came duly, but since its receipt I have been absent, and unable to give it the attention your valued suggestions demand. The second suggestion, that of replacing the thermopile by a very small coil of high resistance, wherein small fluctuations of temperature are made sensible through a Wheatstone Bridge, & Galvanometer, recording the variations in the hundredths current of an independent battery) would, though apparently promising, hardly work, for the galvanic conducting wires register the fluctuations in temperature of the surrounding air, & therefore do as well as of the subject under study. This difficulty exists in the Bimetal-Actinometer, tho' in some degree; but is diminished by placing around that alien source of heat, subject all parts of the pile alike, & then under examination, my face only and if possible for a very brief time.

It seems to me that the first idea, involving the use of the of the accumulation principle is an very promising one indeed. (though the increased time it demands is a difficulty) and I would rather look for success on the direction of your first suggestion.

I have thought you might take sufficient interest in the subject to warrant my sending you one of my thermopiles; as it is of unusually delicate construction, containing a, you see, forty elements each of about one-quarter the common size. The lines thermopile work through a abd. about 0.50 by 0.01; and should be a great deal more sensitive than the one I send to do what I would like with it. If you could make something in the same compass say one hundred times as sensitive, equally prompt and capable of being conservatively uninfluenced by alien radiation you would not perhaps produce anything commercially paying, but you certainly would confer a precious gift on Science.

You can return the title accompanying pile at anytime, or I will arrange time call for it in passing. With thanks for your kind suggestions I am Yours truly

S. P. Langley

J. H. Gibson Esq. Newark Pa.

OUR

over

Allegheny Observatory,

Allegheny, Penn'a.

Dear

I'm emitted to say in answer to your questions that (in the linear thermopile especially) it is an objection, though usually of secondary importance, to have the exposed area small. In my instrument, this is about $\frac{1}{200}$th.

2. The heat from the grating (1st spectrum) is theoretically less than is that from a diathermanous prism.

3. I do not think we are warranted in saying that the heat in every color is the same, nor even that it is less in a given length of the violet than in the same length of the red, using the normal spectrum. But I cannot either say (nor I believe any one at present) authoritatively that the latter is not true.

We wish to determine these very points, and our only delicate instrument is the thermopile

S. P. L.

Newark Dec 4th 77

T A Edison Sir

please get those bills in Scotts hands so I can collect them as Tillotson and Fitch are very troublesome to me on there accounts oblige

J J Murray

I will be in Saturday at 4 P M Sure

---

F. K. FITCH. A. V. MESEROLE.

# FITCH & MESEROLE,

MANUFACTURERS OF

## Electrical Apparatus,

40 COURTLANDT STREET.

BRADLEY'S
Patent Naked Wire Helices
FOR
ELECTRO-MAGNETS.

New York, Dec 5 1877

T. A. Edison Esq
Menlo Park N.J.

Dear Sir

You favor enclosing check for twenty two & 50/100 dollars in payment of September a/c is received — Thanks —

It is nearly 60 days since our Murray received his goods and although we feel the want of the money every day will "grin and bear it" a little longer, if by so doing we can accomodate you or friend

Very Truly
Fitch & Meserole

607 Broadway
New York, Dec. 6th 77

T. A. Edison. Esq.

Dear Sir.

Your letter of the 29th ult. duly received, I note what you say about the Motor. And would like much to see it and become interested in some way when the time comes. As you are to carry your experiments further, I will not intrude upon your valuable time now, but desire you to let me know when you are ready to let me see the

Motor at work —

Yours Truly

W. H. Immekke

Dec 6 1917
H H Immekke

Friday Dec. 7/77.

T. A. E.—

You will find with this my letter of Saturday last.

The situation has not changed, and in the continued absence of Mr. C— you seem to be about the only friend that I have to rely upon.

Johnson tells me good things about the latest developments in the Telephone. Hope you will draw for last week and this today.

Yours

P. G. T. Beauregard

W R Warren
Dec 7. 1877

New York Dec 7th 77

T. A. Edison Esq

Dear sir.

According to your direction I desire to remind you of that matter of the Key and Sounder. by so doing you will put me in "the seventh Heaven" and also greatly oblige

Yours respectfully

W. R. Warren

Vestibule Glass,
Glass Signs,
Car & Steamboat Lights,
Panels, Case Lights, &c.
Glass ground by the lbs.

OFFICE OF

**NEW YORK SAND BLAST WORKS.**

145 & 147 MULBERRY STREET,

SARGENT & BURGER, Proprietors.

Ornamental
Gas Globes,
Kerosene Globes,
Arcades, Shades,
Smoke Bells,
Chimneys, &c.

New York, Dec 11 1877

Mr T. A. Edison

Dear Sir

In favor came safely to hand & am very glad the Phonograph meets yr expectations - I take it may satisfy yr most sanguine desires - besides being a great comfort & many people. as far as the music is concerned, for I suppose it will depend upon what our friends or enemies say whether we make & reproduce it or not. Will the sound be loud enough for a company to hear or must each one have a car trumpet but this I may learn from the scientific American or when I shall call with interest

Mr Tilghman merely finished the machine upon paper that that paper passed in the glass but the manipulation of the moist paper was difficult it was difficult to make it adhere perfectly - he then left the machine to cut away the paper not accurately the balloon

Yours Truly

Benj B. Lew

Weirbee, F.R

Reference

Answered

# Denver and Rio Grande Railway Company.

TREASURER'S OFFICE.

N. FOWLER BEE, Treasurer.

Colorado Springs, Colo., Decbr 15 1877

Please forward

T A Edison
Care Atlantic & Pac Tele
New York.

Friend Edison

I recd yours of the 7 but as I am uncertain about the Post office address I address as above. I hope you will work it up soon. Whether there would be a great sale for them depends upon how cheaply they can be made but at 40 or 50 dollars each my impression is a great many would be sold. Fast running is one of the worst evils of a railroad and even frequent tele stations does not cure the evil, because Conds often induce operators to report them as leaving or arriving at a different time from their actual record in order to hide disobedience of regulations & steal a few minutes. It often enables them to make one more station for a meeting point. You have probably seen something of the kind

Samuel Hirschfeld

Sr. Wohlgeboren
Herrn Thomas A. Edison
New Jersey

Budapest am 16 September 1877.

Mit besonderer Hochachtung erlaubte ich mir an Ew. Wohlgeboren mein Bild zu übersenden, dann Erfüllung auf Empfang hoffe. Es war im Dienste der Wissenschaft geschieht. –

Ich habe mir die angenehme Aufgabe gestellt, im Handbuch des Elektromagnetismus in ungarischer Sprache zu schreiben, und bin in den Anbind schon zum Ende vorgeschritten, als ich den Brief Ew. Wohlgeb. erhielten. Phonograph u. gelesen habe.

Meine ehrenvollste Bitte äußert sich also darin, daß mir Ew. Wohlgeb. über diesen Apparat, dessen Details mitteilen und mir soweit als möglich Eine Deutliche Erklärung Entgegen helfen auf ein Jahr zu geben gnädigst.

Indem ich meine Unterthänigste Bitte wiederholt, zeichne ich mich Hochachtungsvoll

Samuel Hirschfeld
Ingenieur

Adresse: Budapest (Ungarn) Kerepesherstrasse № 69

Telephone

Received
Dec 1st 1877

Saint John
Dec 1st 1877

Sir,

I hope you will excuse my troubling you concerning the Receiving Telephone which you have the distinguished honor of calling your own. I should be delighted could you devote an hour or two to perfecting it. I feel that I should take the liberty of asking your opinion concerning the idea by my invention I am persuaded it is very valuable do you in order that if it is of any use that it may be adopted, on the other hand if it is an erroneous idea that it may be discarded.

I have not yet seen a detailed account of your invention, but the reason I hope you will look over my letter I may make an allusion to it according to what I have heard, your principle difficulties in the of-fanning the secondaries instrument to enter into it in the well took pencil on the paper, which I intend I suppose will be greatly augmented, by the demands of the instrument which will give the sounds an independent motion of its own not mere idea is to be arranged with them, but to be not it will be necess-ary to register the vibrations in a rather different manner.

If it is, instead of having a V shaped point I propose having one similar to the blade of a knife, bent like a hook at C. Fig 1. This pointed piece is attached to the diaphragm B. EE are two wheels having projections on them close which the paper D is drawn with great rapidity, the wheels have to be arranged so as to keep the paper tense near the point C as possible (without touching).

A cross bar Rrrrr, fixed to the tube A the diaphragm B will vibrate carrying the point with it which will cause a series of cuts varying in length according to the length of

rate of vibration. Suppose
-ments in portion of the paper
the line F impressed by the
register of vibrations of the
diaphragm caused by the final
harmonic made or set in the
paper when coming into contact
the long the & the cent, depending
upon the length of the 5
vibrations causing it.
The next part of the operation
is that of the reproduction and
-ment, which consists of a
two bristle wheels B B, & D
C is a curved plate of metal
coated with platinum foil
supported by a rod D or
stand E. The metallic
plate or disk being in communication
with the battery S.

a delicate needle F
resting on C the contact
with which is secured by
means of a spring G proceeding
from the bracket H the needle being
upon the platinized plate, the
needle F being in connection
with the telephone T by
means of the wire W the
other wire W of the telephone
being connected to the gal-
-vanic element of the battery S.
Now the pieces of paper A
being taken from the recording
instrument is passed over
the wheel B B & alternate
the paper to pass over the
disk C, the paper being
between the needle & the disk

Now when a small portion of the paper passes over the disk the needle will be pushed into it which causes a feeble current will proceed from the battery B passing up the needle E through the telephone T & far as thence to the battery B & the current being interrupted when an small portion of the paper comes between the disk & the needle therefore it is evident the current will produce exactly the same vibration in the telephone as those which were recorded upon the Brauma Muff paper

but owing to the great velocity which it is necessary for the paper to be drawn over the drums, there must be some allowance made for the time it will take for the needle of the reproducing part of the instrument to enter into the cut in the paper.

I am quite aware the modification will be feasible but I think it would be expensive & superior judgement & I should be very much obliged indeed if you would kindly let me know your opinion whenever if this is of no use I shall still another which I shall be most happy to communicate to you if it will interest you, I should do so more but for my time is too

fully occupied at present.

I am Sir!

Your respectfully

Frederick A. Glew

P.S. A difficulty must present itself in the reduction of the size of the slot which could be obviated by employing a small gas jet in order to keep the vibrating fork at a red heat thereby increasing the width of the seal enabling the needle to enter with more certainty

Address

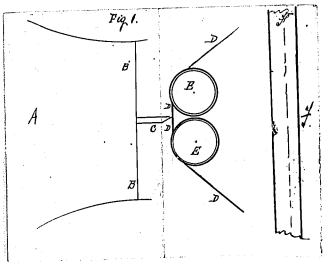
Fred^k A. Glew

St. Oakes,

Hakgate

England Yorkshire

Fig. 1.



fully occupied at present.

I am Sir

Yours respectfully

Frederick H. Glew

P.S. A difficulty must present itself in the actual transmission of the slot which could be obviated by employing a small gas jet in order to keep the vibrating wire at a red heat thereby maintaining the width of the seat enabling the needle to enter with more certainty.

Address

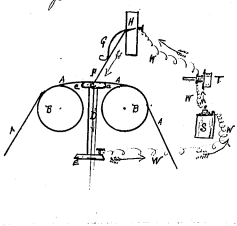
Fred^k H. Glew

St. John,

Wakefield

England Yorkshire

Fig. 2.



Halsted, Haines & Co.
Importers & Jobbers of Dry Goods,
374 to 378 Broadway, cor. White St.,
New York, Dec. 18, 1877.

Thos. A. Edison Esq.
Dear Sir
Will you be so kind as to tell me where I can see your new Phonograph, and oblige
Yours very truly,
R. A. Haines

378 Broadway N.Y. city.

Letter to the New York Phonograph Co.

Sunderland.
December 19 1879

T. A. Edison Esq

Dear Sir, I have been thinking a good deal about you in connection with the improvements of the telephone my object in now writing to you is to ask that you will let me have the first offer of any patents that you may take out for this country in connection with that invention. I think when I named this matter to you before you were displeased to do so, and my object in now writing to you is simply to remind you of what my wishes are.

We are progressing with the sale of the Electric Pen but there are a few little things which give us trouble and when you are disengaged I have time to consider them I will bring them before you notice in the hope that the difficulties may be overcome

Yours truly

C. R. Breese

OFFICE OF

# A. K. Eaton,

## CHEMIST.

MANUFACTURER OF PRISMS, SPECTROSCOPES, ETC.,

65 HENRY STREET.

Brooklyn, N. Y., Dec 28th 1877

Friend Edison

I make telescopes of all powers. I have a 3½ in (operation) nicely done, also a 4½ inch, I can furnish anything you may require. I have not seen the Vs. of the English Mechanic thing, which you refer to, Can you give me the number?

Yours ever

A. K. Eaton

Philadelphia
Dec 21st 1877

Thomas A Edison

Dear Sir: In last week's Scientific American there was a description of your Phonograph in it mentioned that it needed a sound magnifier. enclosed you will find a couple of plans which I believe will accomplish that end.

The principle of the invention is the same as that of a drum. Referring to Fig 1. K is the cylinder carrying the tin foil. L is the point that transmits vibrations to the diaphragm I placed in one end of a hollow frustrum R. F is a larger diaphragm fastened in the other end of the frustrum

both diaphragms forming tight joints.

It will be evident that the slightest vibration of B in consequence of B being tight, will be produced magnified to a certain extent on F. It is something on the same principle as the hydrostatic hump, only instead of using water, I use air.

In consequence of diaphragm F being fastened at the edge the vibration is greatest in the center, decreasing toward the edge, where there is none.

The plan Fig 2 is designed to stop this and make diaphragm F vibrate evenly all over, the diaphragm F is suspended from the delicate springs I which are fastened to screws M the screws M pass up through the standards H and have a nut J to ajust them by. The recesses G are very lightly packed with silk swellings or floss, so as to make a close joint of F and B while also springing with the vibration of the diaphragm F. I recomend silk because it is more elastic than cotton or linen.

The springs I being a small resistance to F I recomend that F be made slightly convex as shown, which could be done by a metal spinner, or by electro-plating.

Probaly six screws standards, ect would be better than four. The diaphragm F could be suspended in the same way. In the drawing the springs I are shown very short, but the longer they are the more

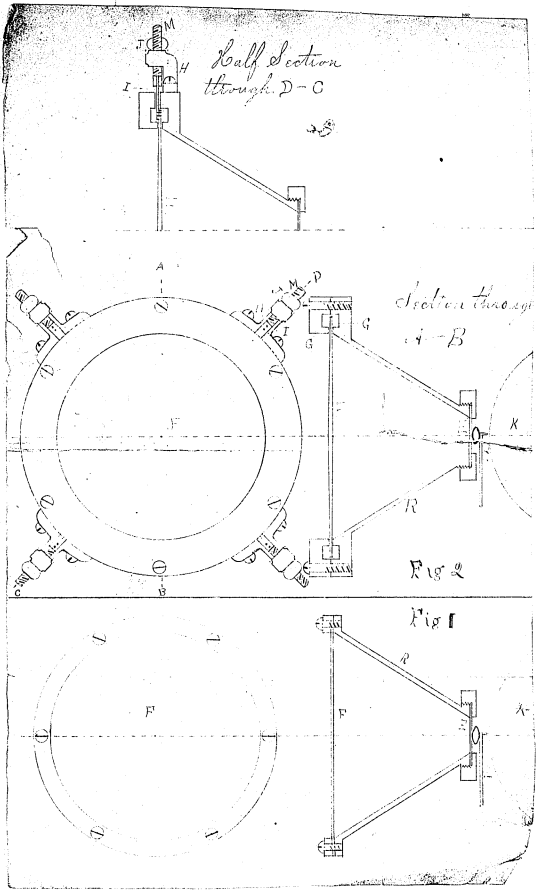
Frank C Foell
dec 21. 77

delicate the whole instrument
will be; how much long does sound

If you don't fully understand
it let me know

Your ect
Frank Foell
510 So Second St
Philadelphia

[ENCLOSURE]



Am. District Telegraph COMPANY
DEC 28 1877
15 Congress St. West.
DETROIT, MICH.

PHONO.
1877

T. A. Edison Esq
Menlo Park
N.J.

My dear Al

Yours of 12th inst duly rec'd and Scientific American fail to hear you feel so encouraged about the Phono & Telph. Can you apply the Phono to the Telephone as a record and will it act as a speaker to a Telephone line when reproducing what was previously recorded — please enumerate what you consider the practical uses it may be put to and if possible send me one with full instructions to operate it the people here are very anxious to behold one as they are incredulous to a unit. I take charge of the Dist Tel Co at Washington D.C. on the 10th January on my own terms and feel assured that I can do the Phono up brown from that point which I will be most happy to undertake whenever you are ready

Kind regards to all

Mrs. T. + Mac + to you all

Yours Sincerely
Thos A Kingsbury

[FROM WILLIAM H. PREECE]

Dec 24-77

Dear Prof

I have only time to say that I lecture before the Royal Institution on Feby 1st – whatever you have intended me to say I will do by that.

It will make a great sensation over the talking

Sir

Phonograph and should
like to bring it politely
before the Royal Society.

I will see you first
Might ask about the
Quadruplex when my
turn comes.

With all the
Compliments of the

Yours
J. Wimshurst
J. Wheller

Executive Office

# Western Union Telegraph Company

Norvin Green Vice Pres't

New York December 26 1877

Mr Thomas A. Edison
Menlo Park
N. J.

Dear Sir,

I have great pleasure in presenting to your acquaintance the bearer of this note, Dr Thomas E. Jenkins of Louisville Ky., a chemist of great ability, who is greatly interested in electrical inventions. He is very desirous of meeting you, and I shall esteem any attention you may be able to show him as a personal favor

Very Truly Yours

Norvin Green

49 Courtlandt St
New York Dec 27/77

Mr Batchelor

Herewith is
dis pproved – the balance of
twelve – ordered some weeks
since & which have been
waiting to be called for

I leave them with the
Pen Co for you – it being
the end of the year would
like to close all such matters
up & start fresh with
the New year

Mr E – was in about two
weeks ago & gave us an
order for 24 Telephones – Please
ask him when he will
leave us the models

Yours Truly
Fitch & Mecorde

J. E. Jenkins
Dec 29, 1877

Washington Dec 29th 77

Mr T. A. Edison
Menlo Park.

My dear Sir —

I desire to apologize for having gone so abruptly the other day, but as I had to return to N.Y. by the 3 o'clock train to keep an engagement at New York, and then one at Baltimore the next day and one in this city immediately thereafter, I was compelled to catch the 3 o'clock train at Menlo Park, I must thank you for your attention while at your laboratory

and wish you a long
life of success and
honor —

Since coming here
and having an inter-
view with one of the
attaches of the Government,
I mentioned your in-
vention of the Phonograph
Telephone, Quadruplex &c —
and suggested that
you be appointed one
of the Scientific Experts
to go to the Paris Expo-
sition next year and
report on the progress
of Electrical Science —
The suggestion was very
well received indeed
and I was asked to
propose your name —
I said I would write
you about it —

The position of paid
Commissioner for N.J.
I think is provided for
but one or two perhaps
honorary Commissioner
ships for that State are
yet open — Let me
hear from you by
return mail —

If you have not
patented the Phonograph
in France and other
European Countries, I

would advise you to do it as soon as you think it is in a practical form and condition, for I think it is destined to play a very important part in the future — I would ask if I may send a short report of it to a scientific society in Paris of which I am one of the Foreign Correspondents? or to M. Koenig the famous acoustician who is an old acquaintance and friend —

I am yours truly —

Thos. E. Larkin

Imperial Hotel —
Washington D.C.

Metuchen Dec 29/77

The demand upon me to pay the State and County taxes and Elec the Teachers orders makes it necessary that I should collect at once and I therefore ask you to settle the taxes as assessed against you on or before Jan 5th/78 and by so doing you will confer a favor on

Yours Truly
C C Campbell Collr

Letter to Orton on
Contract for running
shop in W.U. Interest

I make the following proposition which I believe will be advantageous both to the Co and to myself.

I have now thoroughly completed & elaborated my Laboratory at Menlo Park N.J. 26 miles from New York on the Penn. R.R. 25 X 100 "the building" 2 stories filled with every kind of apparatus for scientific research. I have in the Laboratory a machine shop run by a 5 horse power Engine, the machinery is of the finest description, I employ three workmen two of whom have been in my employ for five years and have much experience. I have also two assistants who have been with me 5 and 7 years respectively and both of which are very expert, At present the cost of running my machine shop including Coal, Kerosene & labor is ~~for~~ about 15. per day or 100 per week; at present I have no source of income and I ~~shall~~ am compelled to close my machine ~~shop~~ at ~~without~~ unless I am able to provide funds for continuing the same and keep my skilled workmen

the loss of which would be serious to the Company. I propose to make the following proposition to the Co. to wit:- that that will pay the Company ~~the sum~~ ~~of~~ ~~$100~~ per week, & will enter into a Contract for a period of time to be agreed upon granting them every invention that I can make during that time which is applicable to the Telegraphy in the US and elsewhere to the Co's business, they paying me a small royalty on each invention as they adopt and find of value to them. This royalty will be the main source of income of myself and assistants, for time and talents which of course will be entirely dependent upon the value of the inventions adopted & found useful to the Co. will be large or small according to the value of the invention to the Co, ~~The Value of these inventions to my~~ Laboratory which makes expenses high cost about $40,000, and they claim to have made a contract, I say yes that, Mr. Prescott is sent to Menlo Park to see the invention & the manufacture which I have ~~done to Completion~~ for perfecting any kind of Telegraphic invention,

Yours

T. A. Edison

This memorandum of agreement entered into this — day of — 1899. by and bet the W.U. Telegraph Co. of New York party of the 1st pt & J.A.S. & M.P. Co of Malsx. state of N.J. party of the 2nd pt. witnesseth :—

Whereas the said party of the 2nd pt is presently of an experimental Lab. and machine shop located in Melle Pk Midlsx Co state of N.J. with every facility for the production and Conguing of invention adopted to ~~[illegible]~~

When the said party of the 2nd part is possessed of an experimental Laboratory at Melle Park N.J. & has ~~[illegible]~~ Experience, & skill on prod devising & perfecting improvements ~~[illegible]~~ Telegraphy, and is ~~[illegible]~~ of a complete Experimental Laboratory at Melle Park N.J. ~~[illegible]~~ Laboratory with machine shop whereon he can expeditiously and at expense necessary for the production of such improvements and telegraphy, and

Whereas the party of the 1st part is desirous of securing for its benefit the skill & experience ~~of~~ facilities and inventions of said party of the 2nd part applicable to Commercial Telegraphy on Land Lines with the U.S. ~~of the said party of the 2nd part, and~~ during a period of from the date hereof a ~~[illegible]~~

Therefore be it agreed.

That the said party of the 2nd part ~~for the purpose of [illegible]~~ will bear and a portion of the ~~[illegible]~~ cost of

Considering such invention insofar that it will ~~pay the~~ contribute the sum of one hundred dollars per week, which is to be used by said party of the 2nd part to pay laboratory expenses incurred in the perfecting such invention. ~~And it further agrees to supply the said party of the 2nd pt, with [illegible] chemicals & battery supplies~~; And in consideration ~~of the sum shall therefor of~~ and it further agrees that upon the production of any improvement in telegraphy which it may adopt and find useful that it will pay to the said party of the 2nd part a royalty, on each and every article or machine, embodying such invention, which royalty is to be the same as the said party of the 2nd part receives in the ~~the consideration~~ the sum to be mutually agreed upon; and upon a failure to agree it shall be submitted to arbitration,

In consideration of such invention, we so far that it will ~~pay the~~ contribute the sum of one hundred dollars per week, which is to be used by said party of the 2nd part to pay Laboratory Expenses incurred in the perfecting such invention. ~~And it further agrees to supply the said party of the 2nd pt, with Electrical chemicals, fine battery supplies:~~ ~~And in consideration of the sum said of each of~~ And it further agrees that upon the production of any improvement in telegraphy which it may adopt and find useful that it will pay to the said party of the 2nd part a royalty on each and every article or machine, embodying such invention, which royalty is to be the consideration the sum to be mutually agreed upon; and upon a failure to agree it shall be submitted to arbitration,

[illegible]

(see. Telephone interference. Edison exhibits, p. 603) (Mar. 22 1877)

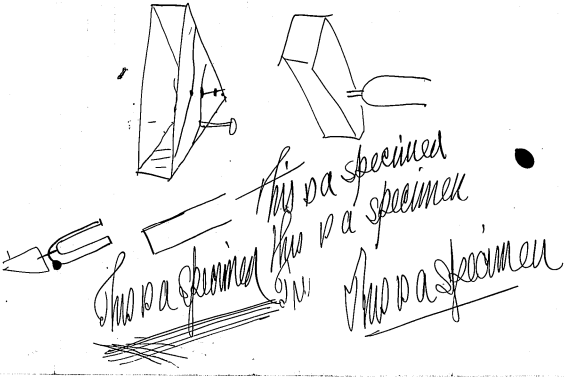
This memorandum of agreement entered into this day of 1877. by and between the Western Union Telegraph Co, ~~of~~ New York. party of the first part. Middlesex Co and party of the 2d part and Thos A Edison of Menlo Park, New Jersey witnesseth

Whereas the said Edison is possessed of an experimental Laboratory at Menlo Park Middlesex Co in the state of New Jersey. and has experience and skill in devising and perfecting improvements in Telegraphy. and; desires the aid & cooperation of the said Tel Co.

Whereas the said Telegraphy Co is desirous of securing for its benefit. the skill. experience. and all inventions of the said Edison which may be applicable to commercial Telegraphy on land lines in the United States. during a period of (5 years) from the date hereof -

Therefore be it agreed. that the said Telegraphy Co will assume a portion of the cost of experimenting and producing such inventions ~~as shall~~ so far that it will contribute the sum of $100 per week. which is to be used by the said Edison for the payment of Laboratory expenses incurred in perfecting such inventions, - and when the said Edison shall devise & perfect any ~~inventions which~~ improvement in telegraphy which is adopted & used by the said Telegraph Co. ~~and~~ then he the said Edison is to receive as his consideration royalty much interest in the firm

[ON BACK OF PRECEDING PAGE]



of a specific sum on every artist or machine embodying such invention, which sum is to be mutually agreed upon and upon a failure to so mutually agree it is to be submitted to arbitration;

[INCOMPLETE]



at Menlo Park, New Jersey, provided with all necessary facilities for perfecting new inventions applicable to the business of the said Telegraph Company, and is himself an expert in devising and perfecting such new inventions, and desires the aid and cooperation of the said Telegraph Company, ~~and is prepared~~

And Whereas the said Telegraph Company is desirous of securing for its Benefit



the skill, experience and the sole right to use the inventions of the said Edison upon its lines within the United States, which he may by made ~~during or passed of~~ (during the period covered by the ~~contract~~) from ~~Contract~~ which is to Continue for a ~~_____~~ from the date hereof ~~the date of this agreement, which is~~ to Continue for

Therefore be it agreed. That the said Telegraph Company will assume a portion of the cost of experimenting with and producing such inventions, to this extent, that it will

pay to the said Edison the sum of one hundred dollars per week during the ~~existence of~~ period covered by this contract, which sum money is to be used by him in payment of laboratory Expenses incurred in perfecting such inventions. And when the said Edison shall devise and perfect any improvement in Telegraphing which the said Telegraph Company adopts upon its lines and is found useful thereon, then the said



Edison is to receive ~~a royalty on his consideration~~ as his consideration royalty on such invention in the form of a specific sum on every article or machine embodying such invention, which royalty is to continue as long as such articles or machines are used by the said Tel. Co. or until the expiration of the patent, but if at any time the said Telegraph Company desires to discontinue the use of such articles or machines it may do so any and

the said Edison shall be not paid ~~entitled to~~ ~~be~~ any royalties ~~Thereafter~~ upon any article or machine not thereafter used, ~~but in lieu thereof is to receive a a moderate sum~~. The amount of such royalties are to be mutually agreed upon and to form the subject of a separate contract for each particular invention, but in the event of failure to so agree, the amount is to be ~~left to~~ fixed by arbitrators; each ~~one of which shall be selected by the said Tilleyh Co. & the other~~ party

proceeding one arbitrator which two arbitrators should appoint another. It is further agreed that after the Expiration of from the date hereof the said Tilleyh Co. may ~~upon terminate this~~ agreement by giving previous notice =

Wyden ~~Jan~~ 20 E

I note that a prominent Russian Electrician has discovered an important but a connecting and Electric light allowing of great economy simplicity — instead of having the Carbons point in opposition to demand approximately the Negative them somehow employed of each other ||

If this obviates the difficulty why cannot you at once apply the magnets to a Locomotive ahead light?

See Graphic of yesterday a short article referring to it —

Hope you are in town soon further

Will you telegram today?

Have you heard anything further from Michigan or Gold stock?

If you are getting some money today can you loan me 50? for about 10 days. I will return it if you send it to Jack.

Dear Edison —

Expect to see a lady tomorrow who may make a proposition on your behalf —

Are you free as to Cardwell and can he deal with Bank in Communication with Johnson?

Telegraph me if you can be Tomorrow a.m. —

Yours

J. Ruff

P.S. Denis asked me to telegraph Chief Engineer the data about Gold, B, without your further instructions.

Capt Ken of Division (1817)
will meet me
at Stonington Steamboat
Wharf - just below the
Dodrinsses St Henry
at 4.30 so we can
have little talk
before the boat leaves
at five - He can then
make his train OK at
5.20 —

U S G

J C Reiff
v
Va Edison
answer —

ANSON STOCER Treas.
ENOS M BARTON Sec.

Office of

GEORGE H BLISS Pres.
ELISHA GRAY Supt.

Western Electric Manufacturing Co.

[illegible] Street Chicago

Friend Edison

I have called no. several times to see you but have not found you in. I received your valuable favor the [illegible] days ago & have used it. The telescope will be done soon, I have been waiting for some optical glass ordered some time ago.

Yours

A. K. Eaton

[INCOMPLETE]

here, I don't think they can do much, It has all come though (as have all my raids) because they think him friendly to your people and you,

Evanston will have X in some matters with a Boston man. He ought to get off a system of operating by paper perforated by a relay perforator, something like the one he had after for.

Let me hear from you on this point.

Yours Truly

Deane

Dear Edison.

I shall written Manners, also have written to C.B. Clough for affidavit.

These legals & Manners work delay many affidavits. All R is in Washington at present.

Please make a note of the
kind of blow ones from Utah
(the probable location) that you
think you can work successfully
on here discussed last
winter. Apparently is going out
next week of work this to
talk it up

T. A. EDISON.

Menlo Park, N. J., 167

Auto - Electrograph = Electric Pen
Tel - autograph
Tel - autophone -
Polyphone = Manifold sounder
Altophone = Self sounder
Kosmophone = Universal sounder
Acoustophone = Sound bearer = Audible speaker
Otophone = Ear-sounder = speaker.
Antiphone = Back-talker
Liquiphone = Clear speaker
Minutophone = minute sounder
Meistophone = smallest sounder
Anchiphone = Near sounder or speaker
Palmatophone = Vibration sounder
Chronophone = Time-announcer = Speaking clock
Didaskophone = Teaching speaker = Portable teacher
Glottophone = Language sounder or speaker
Climatophone = Weather announcer
Atmophone = Fog sounder. or Vapor-speaker.

Palmophone = Pendulum sounder or Sounding Pendulum
Pinakophone = Speaking Register.
Hemerologophone = Speaking almanac
Kalendophone = Speaking Calendar
Sphygmophone = Pulse speaker
Halmophone = Heart-beat-sounder
~~Tentrophone~~
Seismophone = Earthquake sounder
Electrophone = Electric speaker.
Brontophone = Thunder sounder
Klangophone = Bird-cry sounder
Swirgmophone = Whistling sounder
Bremophone = Wind sounder
Bittako-phone = Parrot speaker
Krogmophone = Croaking or Caving sounder
Hulagmophone = Barking sounder
Tremotophone = Sound Boxes.

Telephemist. telephemy. telephame.
Electrophemist. electrophemy electrophame.

Phonograph. - speech writer.
Omphegraph. gram. = voice writer or recorder.

Melodograph. Melograph. Melpograph. - gram. song writer.

Epograph. = speech writer lecture or sermon
Phelograph = " " .

Kinemograph = motion writer.

Atmophone ~~= aerophone~~ = vapor or steam sound.
aerophone = air - sound.

Symphroxometer = pressure measurer.
Synothemeter = pressure measurer.
Orchesograph = vibration record
Orchesmeter

The best name for Phonograph is
Phonomime
Mr Bliss

Phono-thetor
Phono-Kinetor

Phon-othetor or sound
Engine

Repeater of Sound
Phonomime

Heat-Measurer
Mercthermometer

Carbon-Mercthermometer

Expansion Measurer
Extensometer

Ecophone

Echo In fabulous history
"A Nymph, the daughter
of the Air and Tellus,
Who pined into a
sound, for love of
Narcissus."
Webster's Dic:

The mind is now
carrying on a flirtation
with Prof: Thomas A.
Edison of Menlo Park N.J.

Good luck to him.

**1877. Edison, T.A. - Articles (D-77-003)**

Correspondence, essay.

All selected.

Editorial Rooms
of Scribner's Monthly,
743 Broadway,
New York.

T. A. Edison Esq.
Electrician Dept
Western Union
Tel. Co.
New York

Dear Sir,

I am in want of some information in regard to the practical working of your telephone and Pencil Transmitter if you can name a day and hour when I may find you at your office Western Union Building. I wish a few facts for publication and if you can inform me when I can see you at

Chas Barnard
Sept 10, 1877

Convenient I shall be greatly
obliged

Yours respectfully

Chas Barnard

Editor Dept Scribner's
Monthly

Sept 10 1877
7 P.M.

743 Broadway N.Y.
Sept. 13.

I will call at the Electricians Office Wed. Monday P.M. at 2-30. unless I hear from you that it is not convenient.

Charles Barnard

Chas. 743 Broadway
Oct 9

Dear Sir,

I would like to see you at your laboratory at Menlo Park on Saturday next if perfectly convenient to you. I will come out at the time at a train. Please inform me if it is not convenient.

Yours
Charles Barnard
Tordons Mattg.

Park Began
Case 16

Dec 16th 1874.

Mr. Edison
Dear Sir.

I send herewith pages of old edition of Appleton's Dictionary on Telegraphy. It is desirable to use just as much of this as you possibly can.

There is no need of retaining portions of less than half a page.

Larger pieces (the matter being stereotyped) can be reviewed at considerable saving of time.

I send pages in duplicate so that you can easily in-

corporate than in your manuscript.

Will you please return me the Electricity article at your earliest possible moment?

My printer is now waiting for copy and I can give him none until that article is ready. Address me in future as below.

Yours &c —
Park Benjamin
Per
M.E.B.

Address
104 East 55th St.
N. Y.

OFFICE OF THE

# Scientific American,

PATENT OFFICE DEPARTMENT,

No. 37 Park Row,

New York, Dec 24 1877

My dear Sir:

No one cared
be more disgusted than
myself at the way Appletons
have rushed me for this
article - but their printers
took a sudden spurt and
finished, all the matter
on hand and of course
demanded more copy -
You will have abundant
opportunity however to

add in new things, to the proof – Go on and write whatever you want to put in and send me the copy I will secure it on the proof which first comes back and then send you the final proof of the whole for examination –

There is no hurry at all about Telegraphy – only as soon as you decide upon having a cut send me the sketch or whatever you want it made from and I will send you back a proof of the engraving to paste in your MSS – In that way you can have about 40 days time – and the article when it comes from you can go at once to the printer without delay.

Any time within the next fortnight will do to send me the additions to the "Electricity" article –

Your phonograph is a marvel – Perhaps you will give us an opportunity to hear it

[redacted]

in its improved form, at
this office some day—

Yours truly,

Jack Benjamin

Springfield
Dec 21. 1877

Electromotograph
article for Popular
Science monthly by
Dr Beard Crawley
Club

# Edisons Electro Motograph

The Electro motograph is an instrument based on the discovery of Mr Edison that in the act of Electrolysis the normal friction of the Substance in contact with the negative pole is greatly diminished. If a piece of metal connected with the negative pole of a battery be drawn along a piece of moist paper or any Substance that will hold a body capable of Electro Chemical decomposition it will slip much Easier when the Current is passing This may be found by the following Simple Experiment

2 A piece of metal B is included in a circuit of a battery of six or more cells. On the top of B is placed a piece of paper containing a solution of caustic potash. The current is closed and opened by a key. When the piece of metal tipped with lead or platina (C) is pressed on A and drawn along it encounters as it is natural considerable resistance which is readily appreciated. If now the current is ~~closed~~ alternately closed and opened the metal alternately sticks and slips. The precise cause of this diminution of resistance during electrolysis is not yet understood. It is supposed that the hydrogen which appears at the negative

-pole during electrolysis in some way combines with the paper and makes it smoother than is natural. It may be the hydrogen acts in some way upon the metal causing it to be slippery, but there is as yet no proof of the truth or falsity of either of these theories. The bare fact that a substance holding an electrolyte in solution is made slippery when a current passes through it is all that is known. The explanation of this fact is yet to be made. In order to solve some of the problems connected with this discovery a large number of experiments have been made with a large

Variety of chemical Substances.
Although the mystery has not
been solved, although it is
yet unexplained how this
slippery quality is produced
yet the following interesting
facts have been clearly dem-
-onstrated. 1st Some solutions
show a diminution of resistance
at the negative pole and none
whatever at the positive
2nd Other solutions show a
diminution of resistance
at the positive pole and none
at the negative.
3rd Other solutions
show a diminution of resistance
at both the positive and
negative pole

Other solutions on the other hand show an increase of resistance at either the positive or negative pole, or at both. It is supposed that the diminution of resistance as shown by the substance being more slippery is the result of the hydrogen on the negative pole and of oxygen at the positive.

The discovery has been applied to Telegraphy in the manner shown in the accompanying cut.

G is a drum over which passes a roll of paper saturated with a solution of caustic potash. By means of a clock work attachment the drum is rotated in the direction indicated by the arrow. When no current is passing the point F presses upon G uniformly and the normal friction is so great that the lever a is carried forward & kept pressed against D. When a current passes G is made slippery and the spring K is able to pull the lever away from D to M and closing the local battery, and causing the sounder X to work. When the current is broken the friction is increased and the lever is carried forward to the point [redacted]. Thus messages of any kind can be transmitted without any electro magnet whatever = Even the sounder itself is not necessary; for the lever itself striking against M

7

gives a sufficient sound to enable messages to be read by the ear. Messages may be read from the sound of the lever when the most delicate telegraph magnet would remain unaffected. The practical advantages of the Electro-Motograph in Telegraphy are these.

1st It is simple sensitive and delicate. If the Electro Magnetic Telegraph were not in use this would undoubtedly at once come into use performing every function and any producing result unattainable with magnets. A very weak current will cause a movement of the lever. With a delicately constructed machine moved by clock-work Mr Edison succeeded in causing a movement of the lever by a current passed through a resistance equivalent to one hundred thousand miles of Telegraph wire.

This current after passing through this resistance was so weak that it did not move an ordinary Galvanometer or discolor paper moistened with Iodide of Potassium. 2d

2nd It is capable of translating repeating and receiving messages with very great rapidity. No secondary currents are generated as when electro magnets are used; the electrolysis is instantaneous and the levers respond instantaneously. As many as six hundred and fifty words a minute has been transmitted by this method requiring two hundred movements of the lever each second. This system of telegraphy may be applied to the ~~quadriplex~~ to automatic system to the quadriplex or to the electro acoustic system which is now being rapidly developed replacing the electro magnets

I

The phenomena that have been observed during the experiments made in connection with this discovery are exceedingly suggestive, and may yet lead to other and more important discoveries. At a recent conversazione of the Royal Society in London, this Electro Motograph divided the honors with Crooks's Radiometer and was regarded as thoroughly original. The study of the phenomena of the discovery on which it is based opens the field for original research which our younger physicists ought to occupy

**1877. Edison, T.A. - Bills and Receipts (D-77-004)**

Bills, receipts.

Not selected: chits for railroad tickets.

New York Jany 27 1877

Recd from Mr T. A. Edison the sum of Forty dollars on a/c of Rent of part of Cottage for Menlo Park N. J.

$40.00/100

Wm Proodpers
per E. Dexter

---

☞ No claims for deductions allowed unless made in writing within five days after receipt of Goods.

Newark, N. J. Jan 6 1877

Mr T. A. Edison Menlo Park

Bot. of **Newark Edge Tool Manufactory,**

ALSO MAKE ALL KINDS OF

Grey Iron Castings, Sad Irons, Coal Shovels, Etc., Etc.,

Terms Cash. NO. 78 ADAMS STREET.

C. A. DeHART.

| | | |
|---|---|---|
| 1 box Carbon 29 ft. | 7 | 2 03 |
| box | | 20 |
| | | 2 23 |

N J Ex

All Bills not settled within Thirty Days, subject to Eight Drafts.

New York, 11 Jany 1877

Mr T. A. Edison

Bought of **RICHARD DOUGLAS & CO.,**

IMPORTERS OF THE NEWEST STYLES OF

**Bohemian Glassware, Decorated Fancy China, Parian Ware, Lava Ware,**

*Glass Prisms, Crystal Glassware, Cut, Plain and Engraved.*

**Gas Balls, KEROSENE OIL LAMPS,** etc. and all Articles appertaining to the Kerosene Lamp Trade.

**97 CHAMBER ST. and 79 & 81 READE ST.**

Sole Agent for the Crystal Light Burner.

Terms—NET CASH, with the current rate of Exchange,

GAME COCK FIRE PROOF TRADE MARK

Sole Agents for the Celebrated Game Cock Fire Proof Safes & Gas Chandeliers warranted.

THE ATLANTIC GAS COMPANY

| | | | |
|---|---|---|---|
| 1 p f Salamander Flint Chimys | 1. | 4 20 | |
| 1/2 " Illuminators | 4 | 2 00 | |
| 1/2 " Flint Chimys No 1. | 4 | 50 | |
| | Bal | 35 | |
| | | | $ 6 85 |

Recd. Payment
R. Douglas & Co.

Please receipt & return to me
Chas. H. Satchelor
Plainfield
N.J.

Dr. Johnson Bros
Jan. 1897

Menlo Park. Jan 13th 1877

Thos A. Edison. Esq.

Please pay to the order of Mr. A. H. Cornish Seven 7/100 Dollars ($7 7/100), and charge the same to account of

Yours Respectfully
Geo. F. Frais

Accept
T. A. Edison

Menlo Park
13th Jany 1877
Mr John Adams
To John Ryall Dr
To Board
Jany 9 7 00
Correct
T. A. Edison
$7.00

Metuchen, N. J. Jan 16th 1877

Mr Thomas Edison

**To NICHOLAS NOLAN, Dr.**

BLACKSMITHING,

HORSE SHOEING and JOBBING IN ALL ITS BRANCHES.

| | | | | |
|---|---|---|---|---|
| Nov | 5 | To time going to Menlo Park | 1.50 | |
| " | 12 | " " " " " " @ 2 New Shoes | 2.00 | |
| " | 29 | 2 New Shoes | 1.00 | |
| Dec | 23 | 4 Shoes Sharpened | 1.25 | $5.75 |

Recd Payment
Nicholas Nolan

Menlo Park Jan 16th 1877

Rec. of Thos. A. Edison Sixteen dollars in payment of wages in full
W J Acker

Metuchen Jan 16 1877
Mr Edison Dr to
A J Vansickle

1876 Dec 20 To work on horses feet 2.00

Received Pay
A J Vansickle

New Brunswick Jan. 24. 1879

Mr. T. E. Edison

To George Byrne — Dr.

1876-
Oct. 19 Medicine & attendance to boy home — 20.00

Recd. Payment
George Byrne
per E.

---

TERMS CASH.

COPPER, TIN
—AND—
Sheet Iron Work
TO ORDER.
Hot Air Furnaces,
Kitchen Ranges,
—&c., &c.—

Newark, N. J., January 24 1877

Mr. Thomas A. Edison

**To Howarth Brothers Dr.**

Practical Plumbers,

WM. HOWARTH.
JOHN HOWARTH

304 Market Street & No. 1 Ward Street.

| | | | |
|---|---|---|---|
| 1876 Dec. 27 | To 2 square Galvanized Iron Boxes | | $1.75 |
| 1877 Jan 1 | Received Payment<br>Howarth Brothers<br>Per | | |

---

Menlo Park
26th Jany 1877

N. J. Stanley
To John Walsh Dr
To Board $4.50

accepted
T. A. Edison

---

Jan 9 1877

Received of Mr Stanley the Amount in Full
Date
To J. Kendrick

approved
T A Edison

Menlo Park
9th Feby 77

J. A. Swancy
To John Walsh Dr
To Board
$5.00

accepted
T A Edison

Menlo Park
16th Feb 77

J. A. Swancy
To John Walsh Dr
To Board
$5.00

accepted
T A Edison

Menlo Park, Febr. 17th 1877

Thos A. Edison Esq.

Please pay to the order of Mr. Skidmore, Butcher, the sum of Seven 62/100 ($7.62) and charge the same to a/c of

Yours Respectfully
Fred G. Ahrens

accept
T A Edison

Menlo Park, Febr. 17th 1877

Thos A. Edison Esq.

Please pay to the order of John Krussi the sum of Three 60/100 ($3.60) and charge the same to account of

Yours Respectfully
Fred G. Ahrens

$3.60

accept
~~T A Edison~~

Menlo Park, February 17th 1877

Mr. T. A. Edison

Please pay to Mr. Cornish the sum of [illegible] and charge the same to my account

[illegible]

accepted
T A Edison

Feb 26 1877
Menlo Park

Alfred Swanson Dr
To Mr. H. Cornish by order of Mr. T. A. Edison the amount of $6 — due to date
Respectfully yours H. H. Cornish

Menlo Park
23rd Feby 1877

A. J. Swancy
To John Walsh Dr
To Board
accepted
T A Edison
$5.00

New York March 1st 1877

Mr Thos. A. Edison

BRASS COMPOSITION.
and
**Gong Bell Castings**
of every description
All orders thankfully received and punctually attended to.

To **JAMES GALLAGHER**, Dr
**BRASS FOUNDRY,**
**No. 67 CENTRE STREET.**

| | |
|---|---|
| Feb 1 1 Bell delivered | $3.00 |

Rec Pay James Gallagher

**MONTHLY STATEMENT.**

Newark, N. J., Mar 1 1877

Mr T A Edison 40 Dey St

**To Newark Edge Tool Manufactory, and Grey Iron Foundry,**
**No. 78 ADAMS STREET.**
**C. A. DeHART.**

| | | |
|---|---|---|
| Jan 5 | To Bill Castings Rec | 2.25 |

Rec a Pay
C A DeHart

**ACCOUNTS SETTLED MONTHLY.**

**NEWARK BOOK BINDERY AND BLANK BOOK MANUFACTORY.**

FIRST CLASS JOB AND MERCANTILE STEAM PRINTERS.

Telo.,

Newark, N. J., Mar 1 1877

Mr Thos A Edison

Dr. **WILLIAMS & PLUM,** Dr.

777 Broad Street.

Booksellers, Stationers, Printers, Book Binders,

First Class Blank Book Manufacturers.

| | | |
|---|---|---|
| To Amt as Rendered Paid March 15/77 | | 8 58 |

Williams & Plum

Please receipt & return to
me at Menlo Park
Batchelor

Mission Plans
& 835
Mar. 1. 77

Folio.

# MONTHLY STATEMENT.

NEW YORK, March 1877

Mr. T. A. Edison Menlo Park

In account with Wadsworth, Martinez & Longman,

207 Pearl Street.

| | | | Net Cash. | |
|---|---|---|---|---|
| Aug | 3 | To Balance, | | |
| | | " Mdse., | 84 80 | |
| Dec | 26 | Cash | 10 75 | |
| | | | 19 12 | |

Dear Sir We regret that we are again compelled to call your attention to the above balance. Will you oblige us by payment

Yours Truly
Wadsworth Martinez & Longman

Received payment
Thos. A. Edison
Menlo Park
Wadsworth Martinez & Longman
Dec 26th 1877

Mr. Have received payment to Chas Mitchell & Co

We have taken the liberty of making Draft on you at ... for amount of ... as per above statement of account, which we trust will be to your satisfaction.

Very respectfully,

---

Menlo Park
3rd March 77

A. J. Swanson
To John Walsh Dr
To Board $4.50

$18.50

---

Menlo Park
9th March 77

A. J. Swanson
To John Walsh Dr
To Board $4.50

23

1877

Menlo Park March th 12

Mr T A Edison Dr. to H. Ketcham

| | |
|---|---|
| Feb 10 to bill dust in of | $8.58 |
| 12 to 1/2 doze Papers Tobacco | .050 |
| 24 To bill of Swanson | |
| Pay order of T A Edison | 5.00 |
| To order of Fred J Mrais | 7.08 |
| To order of Neal Van Cleve of | 8.00 |
| Mrs Edison's Bill for Sugar | 0.55 |
| Bill in full to date | $29.66 |

March th 12 —

1 Mr Edison will please Pay the above bill & oblige yours

H H Ketcham

Received payment

H. H. Ketcham Agent

Rec date March 12 1877

---

Menlo park 16 march 78

T. J. Swanson

To Johnson & Walsh Dr

To Board

$4.50

27.50

---

Menlo Park March 23d 1877

Mr Thos A Edison

Please Pay to F. B. Smith the sum of Eighty Four Dollars and charge to my Account

$84.00

James Adams

---

New York, Feb 16th 1877

Mr Chas Batchelor

Bought of **JOHNSON & CO.,**

WHOLESALE AND RETAIL DEALERS IN

PAPER AND TWINE,

TERMS---Net Cash in New York. **9 SPRUCE STREET.**

| | | | | | |
|---|---|---|---|---|---|
| 1/2 | Rm 26 x 40 Book | 7.50 | | | 3.75 |

Thanking you for your patronage

Rec'd Payment

Johnson & Co

New York March 23. 1877.

Received of Thos A. Edison
Eighty ~~three~~ dollars in full
to date for all demands, of every
Kind and character,
P. Higgins

Office of ELECTRIC PEN & DUPLICATING PRESS.
No 20 New Church Street.
NEW YORK Wed 24 1877

RECEIVED from Alva Barclay, Gaslam Mont, 4 days
in payment of Cottage bill to date
A. Barclay
Witness of Bradley

Paid Oct 31. 1877
Balance due to
Mr Edison Dr
C. Batchelor and my Bill
$3. dollars and 15 cents
Alfred Chanson

Paid Nov 1 1877

Nevil 3rd 1877

Mr Edison

DEALER IN
*French, English & American*
Plain & Decorative
WALL PAPER
WINDOW SHADES,
Cornices, Bands, Fire Boards,
PRINTS, &C., &C.

To M. A. FRASER, Dr.
House and Fresco Painter,
AND PAPER HANGER,
NO. 663 BROAD STREET.

| | | |
|---|---|---|
| Feb 3rd 76 | Bal. up 1876 | 26 94 |
| " 9th " | Bill Expended | 18 90 |
| | | $ 45 84 |

Nevil Gaynor
M. A. Fraser

You will oblige by providing above Bill to Mr Edison
and any Lamps I will have to give it with the hands
of a Painter

Menlo Park
7th Apl 77
A. J. Swanson
To John Walsh Dr
To Board $4.50
Alfred Swanson

accepted
T. A. Edison

---

14th Apl Menlo Park
77
A. J. Swanson
To John Walsh Dr
To Board
Alfred Swanson $4.50

accepted
T. A. Edison

---

Menlo Park
21st Apl 77
A. J. Swanson
To John Walsh Dr
To Board
$4.50
Swanson

accepted
T. A. Edison

---

Menlo Park April 21st 1877

Mr. T. A. Edison

To George W. Apes Dr

| | |
|---|---|
| To Cos furnishing Chandelier | 5.85 |
| " Painting and Varnishing Dining Room | 12.50 |
| Painting Closet and Whitewashing Kitchen | 1.00 |
| | $19.35 |
| Cr By Cash | 3.00 |
| Balance due | $16.10 |

Received Payment
T. A. Edison
Geo. W. Apes

Metuchen, N. J., April 24 1877

Mr T. A. Edison

**To A. B. WINANS, Dr.**

Stoves, Ranges, Heaters, Kerosene Lamps, &c.,

Plumbing and Gas Fitting. MAIN STREET.

To Amount of act Rendered 8 63

Recd Payment

A B Winans

---

Menlo Park
28th Apl 77

Mr T. A. Edison Dr
To John Walsh
To Board 4 50

---

Menlo park
28th Apl 77

Mr T Edison Dr
To Mrs Walsh
To Washing 2 00

Apl 28

---

T A Edison Dr
to 2 Weeks Papers 80 cts
to 2 Weeks Papers
2 papers street 6 cts

Received Payment
Apl 28 1877 A Bennett

---

Menlo park
5th May 77

Mr T. A. Edison
To John Walsh Dr
To board 4 wks 4 50

---

Newark May 12th 1877

Mr T A Edison
To T H & S Vanuxem

Walnut
April Rent due 51,26
Due 25 00
Due McNiel 26 26

As agreed to
Price bought
by Mr Edison

Please Send
Check on Receipt of this
for the company
T H & S Vanuxem

May 12 1877

Received of T. A. Edison fourteen dollars in full for all demands to date

$14.00/100

Chas. W. Moffett

---

Menlo Park May 12th 1877

Received from Thos A Edison the sum of ($13.50/100) thirteen dollars and fifty cents in full of all demands to date

John A Walsh

---

Newark N.J. May 15th/77

Received from T. A. Edison Two and 45/100 Dollars in full to date (with thanks)

$2.45/100

Howarth Bros
for Budd

---

T. A. Edison
Bought of D. Trapson 500 Sycam
Hoboken
R. & Pyrmont
James Pallerder

May 16 1877

---

Condit, Hanson & Van Winkle,
Acids, Dye Stuffs, Chemicals.

Newark, N.J. May 15 1877

Received from Mr. T. A. Edison

Sixty seven 67/100 Dollars

A. Cederlund

Thos. A. Edison 1st Pay. Canada Balsam Nitric Acid

$50 00 Menlo Park May 15th 1877

Received of Mr Thos A Edison

Fifty Dollars on Acct

Manning Gruman

per WR

Established in 1845.

Mackrell, Wilson & Co.

Importers & Dealers in Hardware, Iron & Steel.

No. 396 Broad Street.

Newark, N.J. May 15 1877.

Mr T. A. Edison

Dear Sir.

Your favor of the 11th is at hand, enclosing Check for One 65/100 Dollars in full, for a/c for 164 for which please accept our thanks.

Awaiting your further orders, we remain,

Yours truly,

Mackrell Wilson & Co.

W. Dunmeadey

Please answer in my name to the order of Mackrell Wilson & Co.

Received from T. A. Edison

Check & Statement on Check for $1.65 Dollars

$1.65

W. Dunmeadey

OFFICE OF

# A. H. Eaton,

## CHEMIST,

MANUFACTURER OF PRISMS, SPECTROSCOPES, ETC.,

65 HENRY STREET,

Brooklyn, N. Y., June 6th 1877

Thos. A Edison
To A. H. Eaton Dr

| | |
|---|---|
| To Spectroscope | $27.50 |
| Rec'd on acct | 15.00 |
| Bal due | 12.50 |

---

ELECTRIC PEN AND DUPLICATING PRESS

H. HENRY,
Gen. Eastern Agt.

20 NEW CHURCH ST.

$50.00

NEW YORK June 12 1877.

Recd of T A Edison
Fifty Dollars on a/c of
Spectroscope

A. H. Eaton

---

Newark June 30th 1877

Received from Thos A Edison

Fifty 100 Dollars

a/c Spectroscope

$50.00

A. H. Eaton

Metuchen, N. J. June 28 1877

Mr Thomas Edison

# To NICHOLAS NOLAN, Dr.

BLACKSMITHING,

HORSE SHOEING and JOBBING IN ALL ITS BRANCHES.

| | | | | | |
|---|---|---|---|---|---|
| Feb | 20 | 1 new 1 old shoe | | 75 | |
| March | 5 | 2 shoes set 2 bolts & nuts on bolts | | 50 | |
| " | 12 | fixing shovel | | 15 | |
| April | 21 | work on wagon | 1 | 50 | |
| May | 5 | making hook hinges | 1 | 50 | |
| " | 8 | 2 shoes tried | | 50 | |
| " | 15 | 2 new shoes | 1 | 00 | |
| June | 22 | 2 " " | 1 | 00 | |
| " | 28 | 2 " " | 1 | 00 | $8.70 |
| | | Rec Payment Rec 8.70 | | | 8.70 |
| | | Nicholas Nolan | | | |

June 29 1877

T A Edison

please pay Mr Hunter four dollars & 50/100 for work and oblige S Edison

T. A. Edison

please pay Mr Acker six 88/100 for work Rec

June 29 1877 Saml Edison

$100

Received from June 30 1877

Thos A Edison

Twenty five dollars Dollars

in full for Operations

$25.00 A. K. Eaton

New-Brunswick, N.J., July 2 1877

**Received** of S. A. Edison

Twenty Three 25/100 Dollars.

in full.

$23.25

Thanks. Buttler & Johnson

BUTTLER & JOHNSONS
Sash, Blind, Door, Moulding, Sawing & Planing Mills.
John-Street, foot of Morris.

---

Menlo Park July 10th 1877

Mr T. A. Edison Dr.
To G. Thornall

| | |
|---|---|
| For milk from Feb 26 to Apr 8th 42 days 3 qts daily | 126 qts |
| For milk from Apr 9 to June 1st 54 days three exspited 4 qts daily | 204 " |
| at 8 cts pr qt | 330 qts |
| | $26.40 |

Call it $25.00
To plowing garden & Cro-ground 1.50
$26.50

Dec 10th Rece payment in full
Thos Thornall

---

Rahway July 13th 1877

Mr T. A. Edison
To W. W. Sipes Dr.

| | | |
|---|---|---|
| To 20 lbs Lead 13d | 2.40 | |
| " 2 qt Oil | .50 | |
| " 1 " Turpentine | .20 | |
| " 1 lb Staining Collor | .25 | |
| " 1 Pint Varnish | .50 | |
| " 1 Bright Labor for Self | 2.00 | |
| " 1 " " for Man | 2.00 | |
| " 1/2 " " " Self | 1.00 | |
| " 1/2 " " " | 1.00 | $9.85 |
| To painting frame up Stairs | | |
| " Staining " Down Stairs | | |
| " Painting Baits & Posts | | |
| " " Jorce round Cellar Windows | | |
| " " Steps on Door frame | | |
| " " fore Bord in Kitchen | | |
| " " two Arbers | | |
| " " Varnishing Frames | | |
| " " Varnishing Front Doors | | |
| " Sash in Dining Room | | |

Recd of T. A. Edison
Twenty five dollars
on account
$25.00
W. W. Thornall

Recd Menlo Park July 24 1877

Railway, N. J. July 28 1877

M Edson

**Bought of D. C. MARSH,**

MANUFACTURER AND DEALER IN

COOKING, PARLOR & HEATING STOVES, RANGES, HOLLOW WARE.

HOT-AIR FURNACES AND TIN-ROOFING.

No. 137 MAIN STREET.

| TERMS | | | | | | | |
|---|---|---|---|---|---|---|---|
| July | 15 | 104 feet 14 in 1 x tin Gutter | 20 | | 21 | 84 | |
| | | 23 " 4 in Leader | 20 | | 4 | 40 | |
| | | Time putting up Gutter & Leader | | | | | |
| | | putting up Scaffold 1½ days for 2 | 2.00 | | 4 | 50 | 33 94 |

Rec Payment

D C Marsh

Metuchen July

Mr Edson Dr

To Mr H Bennett for Two days Mason work 8 00

one Load of Land 1 00

$9 00

Metuchen Park August 3rd 1877

Mr T A Edison

To Geo W Ayres Dr

| | |
|---|---|
| To 50 lbs White Lead | $6.00 |
| " 2½ Gallons Oil 90 | 2.25 |
| " 1 pt Turpentine | .20 |
| " Varnish | .35 |
| " Putty | .25 |
| " 4½ days Labor $3.50 | 15.75 |
| | $17.75 |

August 11th 1877 Recd payment in full by check

Geo W Ayres

Received Aug 3 1877

Received from Mr T A Edison Twenty one $ 00/100 Dollars in full of account in full to date

Geo W Ayres

Received Metuchen Aug 4th from Mr Thos A Edison One Hundred Dollars on a/c
$100 00

Manning Freeman

accept thanks.

---

Received from T A Edison Eleven Dollars.
In full for a/c to date
$11 00

William H Clark
Jos Clark

---

Rec'd from
T A Edison
a check for fifty (50)
dolls
Henry Stivers
dated Aug 11/87

Jos S Durbin

---

Rec'd ~~Account~~ Mint to date
Augt 11th/77 from T. A. Edison Esq
One Hundred 00/100 dollars on
a/c of
$100 00/100

A. W. Mackridge
" " "

Newark, N. J. Aug 14 1877

Mr J. A. Eddison

Bought of **A. D. JACOBUS & SON,**

BRASS FOUNDERS,

EVERY DESCRIPTION OF

Railroad & Machinists' Brass & Composition Castings furnished to order.

*Terms Net Cash.* No. 60 ELM STREET.

| | | | |
|---|---|---|---|
| 6/4 lbs Brass | 9 34 | 2 13 | |

Rec'd Payment
A. D. Jacobus & Son

---

NO ALLOWANCE FOR BREAKAGE.

New York Aug 23 1877

Mr. G. A. Witherspoon / Chamberlains Hotel Parkway N.J.

Bought of **E. P. Gleason Mfg. Co.,**

**Manufacturers of GAS BURNERS, PATENT FAUCETS, LANTERNS, &c.**

Also, Importers of SHADES, CHIMNEYS, LAVA TIPS, &c.

*Terms, Net Cash.* **Cor. Mercer and Houston Streets.**

| | | | |
|---|---|---|---|
| | 3 dz Cloughburn | 3 Co | $10 80 |
| | | | 25 |
| E.E.B. | Paid Gleason Mfg Co | | 11 05 |

---

*Office of* ~~MERRIAM~~ & MERWIN,

Manufacturers of

BUILDING BRICK.

J. L. Merriam,
A. M. Merwin.

Perth Amboy, N. J. Sept 4th 1877

Mr Thos Edison

To Ralph Merwin Dr

| | | | |
|---|---|---|---|
| June 23rd | 800 | Hard Brick | 6.00 |
| 25 | 2400 | | 18.00 |
| | | Rec'd Pay | $24.00 |

Ralph Merwin
Perth Amboy

New York, Sept 24 — 1877

Bought of L. G. TILLOTSON & CO.,
Railway and Telegraph Supplies of every Description,
8 DEY STREET.

| Date. | Folio. | | |
|---|---|---|---|
| | | TERMS CASH. | |
| | | 51 Mdo Stl Cond Cost @ 2 20 | 10 20 |
| | | Per F. L. J. & Co. | |
| | | Received Payment | |
| | | H. Edison | |

Mr. T. A. Edison
Menlo Park N. J.

To CASSELL, PETTER & GALPIN.
596 Broadway, New York.

Oct 26 1877

| | | |
|---|---|---|
| | | Calc |
| | | 10 00 |
| | | 10 00 |
| | | |
| | | |
| | |

Newark Oct 8/77

Prof. T. A. Edison

Will please pay

E. A. Wackermann Forty three

dollars and charge same

to acct of Yours Respectfully

$43 00/100

A. W. Mockridge

---

The Gold and Stock Telegraph Co.
WESTERN UNION BUILDING,
197 Broadway.

New York, ..... 187

Oct. 18/77.

Received of Thomas A. Edison thirty 70/100 dollars

for wood cut and electrotype.

S. D. Tod.

$263
30.70
$33.30

---

Menlo Park Oct 24 1877

I will pay the in
two or three weeks.
Thos A Edison

Menlo Park Oct 24th 1877

T. A. Edison Please Pay to J. B. Smith

the sum of Eighty four Dollars for

rent from the first of April to first

of November and Charge to my Account

$84 00/100

James Adams

Newark Oct. 20/77

Prof. T. A. Edison

Will please pay

Mr Wm Bartow or order Sixty five 95/100

Dollars and charge same to a/c of

Yours Respy

$65 95/100

Albert H. Mockridge

Am. Mechanics
Ceo 77

Rec'd on within
order $35.00
R. Henry
Nov 5th 1877

Paid within order
$20.00
Eaton

Jan. 4th 78
(1.02) Dollars

Paid Jan 1st
J. W. Ross

Rec'd
Feb 2 1878
eighty two Dollars
$82.00
Estimate on within order
45.00
Rec'd full
20.00
J. W. Ross
Atty for
Board

Sole Agents for A. J. WIGHT'S PATENT IRON TURN TABLE, for Locomotives. Sole Eastern Agents for GARDNER'S PATENT GOVERNOR.
Steam Passenger Elevators, for Hotels and Store Houses, with Burns' Patent Safety Appliance.

WM. COOKE,
JAS. BEGGS.

New York, Oct 25 1877

Mr Thomas A Edison Menlo Park N.J.

**Bought of COOKE AND BEGGS,**

PRACTICAL MACHINISTS AND ENGINEERS,

**Steam Engines, Boilers, Machinists' Tools and Hoisting Engines,**

Every Description of Supplies for Mines, Machinists, Mills, Railways & Steamships.

*16 CORTLANDT STREET.*

REMOVED TO 6 TO 10 CORTLANDT

**Terms, Cash.**

| | | |
|---|---|---|
| 1 Gode for Order | | $6 |
| | Drayman charge | 25 |
| Recd Payment for | | 50 |
| | | 6,75 |
| O.K. Adams Cpt | | |
| Recd Payment for my bill | | |
| | | |

New York, Oct 27 1877

Received of T A Edison twenty five dollars
on account of order on him from Mr Mockridge

E O Wackemann
per CAW

Metuchen, N. J., 1877

Mr Thomas Edison

**To NICHOLAS NOLAN, Dr.**

BLACKSMITHING,

HORSE SHOEING and JOBBING IN ALL ITS BRANCHES.

| | | | | | |
|---|---|---|---|---|---|
| Aug | 3 | 4 ~~[illegible]~~ shoes tod | 1 | 20 | |
| Sept | 8 | 4 new shoes | 2 | 00 | |
| Oct | 16 | wheel hoop | | 75 | |
| | 22 | 2 wheels hoop | 1 | 65 | |
| Nov | 3 | 2 new shoes | 1 | 00 | $6 60 |

Rec pay Nicholas Nolan

Newark Nov 3/77.

Prof T A Edison.

Sir will please pay Mr Reade & Co or Order Thirty nine 60/100 dollars and charge same to Mr Edison

Very truly

$39.60/100

A W Mockridge

Received $20 on account

G. W. Reade & Co

C A Perry

Jy 7 2d/78 Rec'd $19.60 in full for above

G. W. Reade & Co

C A Perry

Barton

Pay $25.

New York Nov 5 1877.

Received of Thos A Edison Twenty five dollars, on account of order from Mockridge

Wm Barton

Has an order signed Mockridge

Cornish - Nov 8 1877

I will pay you twenty
nine dollars on account of
Thos Dunn next saturday
I owe him that amount

T A Edison

Received Payment A H Cornish

(Terms Net Cash on delivery)

Mr. T. A. Edison

Platinum
Apparatus, Vessels, Sheet, Wire, etc.
for all
Laboratory & Manufacturing Purposes.
Scraps and Ore purchased.

Bought of H. M. Raymor

25 Bond Street, New York Nov 9th 1877

| | | | | |
|---|---|---|---|---|
| 15 dwt | Pt | .50 | | $ 6.75 |

H. M. Raymor

PAID

Paid Nov 4, 77
Raynor - Platinum
→ Spkg Telgh

Rahway N. J. Nov 12th 1877

Mrs Edison

To Samuel Acken Dr

| | | | |
|---|---|---|---|
| 1877 | | | |
| Sept 3rd | To 2# Eng B Tea | | $1.10 |
| " " | " 1 Pair Scissors | | 75 |
| Oct 2d | " 2# Eng B Tea | | 1.10 |
| " " | " 5# Rice | | 50 |
| Nov 6 | " 2# Eng B Tea | | 1.10 |
| " " | " 3# Rice 2 pr Starch | | 58 |
| | | | $5.13 |

Rec Payment

Nov 12 Samuel Acken

(Terms_ Net Cash on delivery)

Mr C D Batchelor

Platinum Apparatus, Crucibles, Sheet, Wire, etc. for all Laboratory & Manufacturing Purposes. Scrap and Ore purchased.

Bought of H. M. Raynor

25 Bond Street, New York Nov. 19th 1877

| | | | |
|---|---|---|---|
| 2 ft | $34 | 2 in | |
| 10 yds | $36 | " | |
| | | | 70 |
| | | | 150 |
| | | | $2.20 |

H M Raynor

Menlo Park Nov 24 1877

Received of T. A. Edison twenty five dollars on account of James Adams Bill.

[illegible]

Newark Dec 1st/77

Prof. T. A. Edison

Will please pay Beard Thirty five 00/100 Dollars and charge same to Opera 17

$35 00/100

Yours Respty.
A. H. Mottridge

Newark. Dec 6th

Received from T. A. Edison Three and 50/100 Dollars.

Howard Bros.
Bills

Comadi, Hanson & Van Winkle,
Acids, Dye Stuffs, Chemicals.

Newark, N. J., Dec 11 1877.

Received from Mr T. A. Edison

Seventy five Dollars.

On acc.

$75.00

Comadi Hanson & Van Winkle
per Mg

We have handed your letter to Mr Weston for reply.

Received of T A Edison
7 dollars in full

C H Andrus

Received of T A Edison 8 dollars
on account

Milo P Andrus

1877. Edison, T. A. - Bills of Lading (D-77-005)

Bills of lading.

Not selected.

1877. Edison, T.A. - Book and Journal Orders (D-77-006)

Correspondence, bills, receipts.

All selected.

D. VAN NOSTRAND,

Importer and Publisher of Scientific Books,

23 MURRAY and 27 WARREN STREETS, (up stairs,)

P. O. Box 1741.

New York, July 4th 18

*Yours of the* 2d *to hand with enclosure of* 6.10 *which is passed to your credit. Please accept the thanks of*

*Yours truly,*

*D. VAN NOSTRAND.*

**Daily and Weekly Papers**

Delivered in the City or sent to any part of the Country.

**Magazines and Periodicals**

Supplied as soon as Published.

Newark, N. J., March 5 1877

Mr. T. A. Edison

# To H. M. Wildman, Dr.

DEALER IN

Newspapers, Periodicals and Stationery,

237 ~~EAST~~ MARKET STREET.

Cor. MULBERRY.

| | | | | | |
|---|---|---|---|---|---|
| To Bill Rendered 7 - Feb 1st | | | | 43.07 | |
| Feb 5 To | Scientific American | | | .08 | |
| " | " | " Supplement | | .10 | |
| " | " | Harper's Bazar | | .10 | |
| " | " | " Weekly | | .10 | |
| " | " | New York Ledger | | .06 | |
| " | " | London Graphic | | .15 | |
| " | " | Eastern Monthlies | | .15 | |
| " | " | Nature Cuttings | | .30 | |
| " | " | 2 Illustrated papers | | .40 | |
| " | " | Boston Journal Commerce | | .10 | |
| " | " | Illustrated Journal | | .35 | |
| " | " | Illustrated Photographic | | .30 | |
| " 5 | " | Digest Circular | | .15 | |
| " | " | American Chemist | | .50 | |
| " | " | Engineer Mechanic | | .15 | |
| " | " | Chemical News | | .20 | |
| " | " | Nature | | .15 | |
| " | " | Bees | | .30 | |
| " | " | 1 Sc Monthly | | .25 | |
| " | " | 2 Lear Lop Weekly | | .10 | |
| " | " | 1 Urbar | | .25 | |
| " | " | 3 Boxes Pens | | 1.30 | |
| " | " | 6 Slate Pencils | | .06 | |
| " | " | 6 Postage Stamps | | .15 | |
| " | " | 3 Erasers | | .06 | |
| " | " | 1 Pr Dog Stereoscopes 1.00 Doz | | 1.30 | |
| " | " | 1/3 " " 1.50 " | | .50 | |
| " | " | 1 Pr " " 2.50 " | | .63 | |
| " | " | 1 Steel Drop | | .60 | |
| " 7 | " | Harper's Weekly | | .10 | |
| " | " | " Bazar | | .10 | |
| " | " | Scientific American | | .05 | |
| " | " | " Supplement | | .10 | |
| " | " | Journal Magazine | | .15 | |
| " 12 | | 5 Lines Bill Wrapper | | .30 | |
| " | " | 100 Envelopes Letter & Bag (Cash) | | 1.30 | 55.22 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | Brot Over | 55 | 32 | |
| Feb | 16 | To | Scientific American | | 08 | |
| " | " | " | " Supplement | | 10 | |
| " | " | " | Harpers Weekly | | 10 | |
| " | " | " | " Bazar | | 10 | |
| " | " | " | New York Weekly | | 06 | |
| " | " | " | Leaslie's Magazine | | 15 | |
| " | " | " | Punch | | 30 | |
| " | " | " | English Mechanic | | 15 | |
| " | " | " | Nature | | 15 | |
| " | " | " | Chemical News | | 20 | |
| " | 23 | " | Harpers Weekly | | 10 | |
| " | " | " | " Bazar | | 10 | |
| " | " | " | Scientific American | | 08 | |
| " | " | " | " Supplement | | 10 | |
| " | " | " | New York Weekly | | 06 | |
| " | " | " | Leaslie's Magazine | | 15 | |
| " | " | " | Punch | | 30 | |
| " | " | " | English Mechanic | | 15 | |
| " | " | " | Nature | | 15 | |
| " | " | " | Chemical News | | 20 | |
| " | " | " | Popular Monthly | | 20 | |
| " | " | " | Engineering & Building | | 20 | |
| " | " | " | Popular Science | | 50 | |
| Mar | 15 | To | Cash 11 Insertions | | 85 | 59.85 |
| | | Recd | Chas. W. Batchelder Check for | | — | 34.43 |
| | | | Dated Mar. 14 Fri | | | 25.42 |

W. M. Boildman

Boildman
59.85
Mar 17, 1877

D. VAN NOSTRAND,

Importer and Publisher of Scientific Books,

23 MURRAY and 27 WARREN STREETS, (up stairs)

P. O. Box 174. New York.

May 1/77

*Yours of the* 1st *to hand, with enclosure of* $2.50 *which is passed to your credit. Please accept the thanks of*

*Yours truly,*

*D. VAN NOSTRAND.*

Fop

D. VAN NOSTRAND,

Publisher, Importer and Bookseller,

23 Murray and 27 Warren Streets,

P. O. Box 1741.

New York, Aug 30 1877

T. A. Edison Esq Menlo Park N.J.

Dear Sir The Zeitschrift des Deutsch Oestreichischen Telegraphen Verein was published for 16 years up to 1870 when it was discontinued & afterwards started under the title of "Annalen der Telegraphie" but of this new series only one part of 1872 was published & it was also discontinued.

The cost of the first series in 16 vols is 75 ~~a~~ a vol, I can get both of these for you if desired

Yours truly

D. Van Nostrand Jr.

Munn & Co
Oct 31 77

OFFICE OF THE

# Scientific American,

MUNN & CO., Editors and Proprietors.

No. 37 Park Row.

O. D. MUNN,
A. E. BEACH.

New York, Oct 31st 1877

Dear Sir

We send you a copy of our Specimen Book.

If you desire to have engravings made, please to indicate by the specimen numbers, the general style and size of cuts that you prefer. We will then give you an estimate of the cost.

We also send you a copy of the Scientific American for examination. we should be much pleased to

receive your name as a regular subscriber. $2.00 for one year, $1.00 " half year. Postage paid by us.

Respectfully Yours

[illegible]

CASSELL, PETTER & GALPIN,

**Publishers, Electrotype Merchants, and General Importers,**

*596 Broadway, New York.*

O. M. DUNHAM, Manager.

Nov — 30th 1877

Thos. A. Edison

Menlo Pk. N.J.

Sir

We sent you the part of Doré Gal. about two months ago which you rec'd — but failed to notify us when you wished the next instalment sent. Should you wish the book completed (it will make a splendid Christmas gift) we will send one per exp. taking your part in payment if the prices on the catalogue are suitable. If you decide on completing it pl please say how many we will send

Yours

Cassell Petter & Galpin

Per

D. VAN NOSTRAND,
Importer and Publisher of Scientific Books,
23 MURRAY and 27 WARREN STRE TS, (up s'irs,)
P. O. Box 1751. New York.

[December 13]

Will continue
Telegraphic Journal
next year? answer
Yours b. P. Speiry

---

BOOKS IMPORTED TO ORDER FROM EUROPE, AND FOR PUBLIC INSTITUTIONS, FREE OF DUTY.

New York, Dec 31 1877

Mr T. A. Edison

Menlo Park N.J.

Bought of D. VAN NOSTRAND,
Bookseller, Publisher and Importer,
OF SCIENTIFIC, MINING, ENGINEERING, MILITARY AND NAVAL BOOKS,
23 Murray & 27 Warren Streets,
UP STAIRS.

Register
Salesman
Folio 162 L

TERMS CASH.

1877

| | | |
|---|---|---|
| Sept 22 | Telegraphic Tel. Cipher Book Bound | 2 40 |
| | Duvette Lefevre Nest | 09 |
| Dec 17 | Sub to Telegraphic Journal 1878 | 1 00 |
| | Rec'd | 6 49 |

## 1877. Edison, T.A. - Family (D-77-007)

Correspondence.

All selected.

[FROM SAMUEL EDISON]

(Edison, personal) (1877)

STATEMENT.

Newark, N. J., _____ 187

To EDISON & MURRAY,
MANUFACTURERS OF
Telegraph Instruments,
10 & 12 Ward Street.

My dear little Mary and Edison
Mamie that I have living yet
Mark is one other that I should
want. She is finish. The Pope is two
Fathers you say you think I would
be much surprised to get a letter
from you and so I was but I
was never more pleased than to have
a letter from you and to hear from
you and your 2 children you
hope but it is very uncertain and I think
nothing will be likely so I would be
very glad to come and see you all but
fate has ordained it otherwise and I
must submit a little more than one
month ---- I have lived a month

and wat made it much worse for
me [illegible] lbs of Bacon home from Mendo
I left a Place and must go back to
[illegible] good - but yet I can
live [illegible] God only knows how I
shall pay my Taxes for money now
is very scarce I have [illegible] coming to me
but the people cant pay untill Spring
opens and things revive -
I have 3 cows and fifty Hogs and one
Pig [illegible] to month
and I spend [illegible] for I like that part
of the country very much but I have two
much property Clear to leave and be
of no value - Fort Goodlett is bound
to be a big Place and out go Fort
Gaven - The point Nation is
booming New York is in the stock
[illegible] Nothing came
direct from Home if J. A. E. was here
I could [illegible]

David Blake, Pres.  T. S. Page, Sec'y.  E. Jackson, Treas.

Domestic Sewing Machine Co.
96 Chambers St.
New York Thursday 1877

Friend Edison

Dear Sir

I am expecting to return to Toledo, stopping at Milan, — on Friday Eve'g and I should be pleased to see you before I go, as Mr Morton wished me to be sure of doing so.

I should come over, had I time, but as that is impossible could you not come up & see me, say at 10. or 2 PM on Friday

Yours truly

T. S. Page

**1877. Edison, T.A. - Insurance (D-77-008)**

Correspondence, bills, receipts, insurance policies.

Not selected: insurance company circulars.

**ELISHA WILSON,**

Bonds, Notes, Loans, Collections,

**18 MURRAY STREET,**

Dial Elevor.

New York City, Feby. 17 1877.

Thos. Edison Esq

Dear Sir I procured for Geo. Goodyear an insurance of $3000 on your dwelling house in Menlo Park, The Mutual Life Insurance to show I took the risk, now requise a renewal to make good their security from Jany. 1st/77 at which time the Policy expires, by return bill you will see it is in the Equitable Company Amount of Policy $3000. Rate for insurance 50 cts You can remit by check to me, & I will return their receipt to you together with the Receipt of the Mut. Life for the Policy which they will hold

Reply. Yours

Elisha Wilson

OFFICES, { No. 59 Liberty Street, New York.
No. 87 Broadway, Brooklyn, E. D.

New York, Mar. 9, 1877

Mr E Wilson

To KINGS COUNTY FIRE INSURANCE CO., Dr.

For Premiums as follows, viz:

| DATE. | No. OF POLICY. | ACCOUNT OF | PREMIUM. |
|---|---|---|---|
| Jan 1, 77 | renewing | Mutual Life Ins Co | $ 15 00 |
| | | 1 year from Jany 1 77 | |

Received payment
Henry Phelps

Nf. Mar. 16 Mr T. A. Edison

Dr. Sir yours ch. for above amt. rec'd today
Inc. is in a good co. would like to investigate with
you on the telephone topic, but the Broad and
Nassau question interferes. I think same can be
done with the Atlantic Mechanics. Yours Elisha Wilson

Please excuse this style. But my faithful Friend George Goodyear on Cross st. send this accordingly. If it will your Will, would be glad to hear from you on Sci. Lecture any time

Elisha H.

Hingham Mass
Dec 9
Mar 9. 1877

N Hawley Esq

Prov

Sherwood Hewson,
A. F. Williams,
John S. Gardner.

y York,

Estimates, Manager.
ne, New Jersey.

2-4/1877

Spoon

I bill
next
Moved
Home of
" "
Amen

I policies
due

Premium
$20.00
20.
40.
20.
$100.00

Legislation

The Merchants' Insurance Company of Newark, N. J.

776 & 778 BROAD STREET.

M Mary Edison

Your Policy of Insurance, No. 78286 for $ 2000.

on Stock & Middlesex & RO

will expire April 24 1877

Premium, $ 20 =

HENRY POWLES, Secretary.

☞ If any change has been made in the ownership, or in the premises, it must be made known at this office

Flax
Who
insurance Hoag received
you: It is not due the
month?

James Hoag

Respondent

THE

INSURANCE SOCIETY OF NEW YORK,

770 BROAD STREET.

C. LEVENBERGER, Manager,
for New Jersey.

STEPHEN ... Secretary.
A. F. WILL ... President.
JAMES L. GOOD ... Secretary.

Newark, Mch 24 1877

Friend Edison

The following policies of fire insurance will be due next month.

| | | | | | |
|---|---|---|---|---|---|
| Merchants | Due | Apl | 24 | " | Premium $20.00 |
| Home of NY | " | " | 25 | | 20. |
| " " " | " | " | 25 | | 40. |
| American | " | " | 25 | | 20. |
| | | | | | $100.00 |

These policies cover $10.000 insurance. What have you done with the insurance Haas placed last year? Is it not due this month?

Yours truly
C. Levenberger

**ELISHA WILSON,**

Bonds, Notes, Loans, Collections,

**18 MURRAY STREET,**

Bind Floor.

New York City, May 26 1877.

Thos. A. Edison

Recd. fifteen dollars. Premium on insurance Kings County Fire, policy 3000 1 year from Jan. 1, 1877.

Elisha Wilson

Dear Sir. I sent the regular Co-receipt for this payment by George Lyndycar last week. I will write him to forward it if he failed to deliver it

Respy. Yours

E. Wilson

THE

# GERMANIA INSURANCE COMPANY

OF NEWARK, N. J.

## DIRECTORS.

GEORGE C. WEBNER,
Dr. J. A. CROSS,
JOSEPH HENSLER,
BENEDICT PRIETH,
TOBIAS WIEDENMAYER,

HORACE ALLING,
~~HENRY SAUERBRIER,~~
JAMES M. PATERSON,
CHRISTIAN MILLER,
Dr. WILLIAM O'GORMAN,

GOTTFRIED KRUEGER,
JAMES L. GURNEY,
FERDINAND KUEHNHOLD,
PETER WITZEL,
JOHN LEWIS.

## OFFICERS.

JULIUS B. BROSE, Secretary.
THEODORE HORN, Surveyor.

JAMES M. PATERSON, President.
GEORGE C. WEBNER, Treasurer.

Gaurav Barbadekar

THE

# GERMANIA

Insurance Company,

OF NEWARK, N. J.

Premises *Frank B. Brooks & Co.*

Expires *Apriel 1st* 187*7*

No. 12,402.

PLEASE READ CONDITIONS OF THIS POLICY

SEE EACH PAGE.

*Thomas L. Bonner*

*L. Mulvey*

*Feb. 2 187*

Amount, $ *2000.00*

Premium, *26.00*

Bilton Mech. 1876.

The Mark Lithographic Company, 24 & 26 Cliff St., N. Y.

## SHORT RATE TABLE.

This table gives the *per centum* of premium earned for any time, less than one year, when a policy has been in force.

This *per cent* is to be retained when a policy is surrendered for cancellation. Fractions of a month to be reckoned as a full month.

| Time the Policy has been Complete Calendar Months. | 1 Month. | 2 Months. | 3 Months. | 4 Months. | 5 Months. | 6 Months. | 7 Months. | 8 Months. | 9 Months. | 10 Months. | 11 Months. | 12 Months. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Per Cent. | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 110 | 120 |

## RECEIPT FOR CANCELLATION.

*Newark, N. J.,* ..... 187.....

Received of the GERMANIA INSURANCE COMPANY,

..... Dollars, Return Premium, in consideration of which this Policy is hereby cancelled and surrendered to the Company.

# CLASSES OF HAZARDS.

## HAZARDOUS.

Bitters and Cider (wholesale).
Boots and Shoes (retail), including Leather Boots and Shoes.
Canvas Manufacturers.
Coal Mining by Bituminous.
Carriage Trimmers.
Cigars (wholesale).
Clothing (wholesale stocks of), ready-to-wear and unpaged packages.
Cotton.
Cordage.
Cotton Gins and Winding.
Cotton Yarn.
Dry Goods, foreign and domestic, ready-to-wear and unpaged packages.
Dye Goods (wholesale stocks of).
Drugs, dry (wholesale stocks of).
Drugs, dry (retail stocks of).
Fire Goods.
Flour, in bulk.
Fire Crackers in packages.
Flock.
Fuse.
Fulminate (wholesale stock of).
Furs and Pelts, in unbroken packages.
Gunpowder.
Gunny Sacks.
Grocery Stocks (retail).
Grocery Stocks, in bulk.
Gum Copal.
Gum Shellac.
Gunny Cloth and Gunny Bags.
Guns Powder, unmanufactured.
Hardware, single, in packages.
Hosiery (Yarn knitted).
Hosiery (Yarn knitted, sewed or not sewed).
Hemp, in bulk.
Hides, Skins, Leather.
Hemp, in bales.
Hollow Ware, unmanufactured.
Hemp.
Hosiery (wholesale, false, sewed, tissues and hallowsewn).
Hosiery (wholesale) Japanese and Jamaica.
Leather, Morocco and Hides.
Machinery (stock of), on site.
Matting Cotton, in bales.
Matches (Lucifer and Caps (stocks of).
Milk (stocks of).
Oakum, in bales.
Oil Cloth, in bales.
Oil Cloths (stocks of).
Oil Cloth, in bales.
Oil Cloth Floor Covers (stocks of).
Paper Hangings (wholesale).
Paper Hangings.
Paper Hangings and Bells Affixed.
Pomatum.
Rope.
Rosin and Turpentine (stocks of).
Saltmaking.
Salt.
Sewing Machines (stock of).
Shot Towers, in bulks.
Sugar.
Sugars.
Sulphur.
Tobacco.
Tows.
Tallow, dry.
Tallow, dry and tub, in because bags.
Tallow (wholesale) (See Exhibit Hazardous).
Tobacco (stock).
Wadding.
Whiskey, in barrels (stocks of).
Wool.
Wools and Liquors, in packages (Inspectors stock of).

## EXTRA HAZARDOUS.

Artificial Flowers.
Amber materials.
Aniline stock.
Artificial Implements, including Seed-bags.
Alcohol.
Alcohol, other stocks.
Alcohol (stocks of).
Alcohol (wholesale).
Boots and Shoes (retail).
Boots and Shoes (small).
Bag making (cloth), by hand-power.
Bakeries, with oven outside the building.
Bag making (cloth).
Bobbin Factories.
Billiard Balls and contents.
Boat and Shoe.
Boat and Shoe, manufacturing by hand-power only.
Bedding (stock of).
Bedding (stock of).
Cotton-wool, without manufacturing, except Cotton Batting.
Carriage Lamps (stocks, unpacked).
Chairs, (stocks of).
Chairs, Furniture (retail stocks of), also stock of same.
Confectioners' Stocks.
Corks (stocks of).
Carpets Rugs, unpacked.
Carpets (Rugs, in packages).
Carpets (Rugs, in packages, unpacked).
Carpets (Rugs, in packages, unpacked).
Carpets (Rugs, in packages, unpacked

No. 32002 $ 2666.67

# The Germania Insurance Company

STOCK COMPANY. INCORPORATED 1870.

## OF NEWARK, N. J.

**In Consideration of** the Receipt of Twenty Six 67/100 **Dollars**

**Do Insure** Thomas A. Edison

**Against Loss or Damage by Fire**

**To the Amount of** Twenty Six Hundred and Sixty Six 67/100 **Dollars**

$1000 On his Fireproof stone building occupied as a laboratory situate on the south westerly corner of Lincoln and Halsey Sts. Newark N.J.

266.67 On his Organs and Books and

1000 On his Telegraphic Instruments, Electrical and other Machinery and Apparatus, Chemical Apparatus and Materials used in experimenting, Printed Books, Stuffed and Office furniture and Fixtures, Shafting, Belting, Pulleys, Hangers, Pipings, Tools and implements of trade all contained in above described building.

Other Concurrent Insurance permitted. Permitted to use Benzine Oil for light.

**Sum Insured,** $ 2666.67

And said **Germania Insurance Company** hereby agrees to make good unto the said assured, his executors, administrators and assigns, all such immediate loss or damage, not exceeding in amount the sum or sums insured, as above specified, nor the interest of the assured in the property, except as hereinafter provided, as shall happen by fire to the property so specified, from the 6th day of July 1882 one thousand eight hundred and seventy eight at 12 o'clock at noon, to the 6th day of July 1883 one thousand eight hundred and seventy eight at 12 o'clock at noon; the amount of loss or damage to be estimated according to the actual cash value of the property at the time of the loss; and to be paid in sixty days after the proofs of the same required by the Company shall have been made by the assured, and received at this office, and the loss shall have been ascertained and proved in accordance with the terms and provisions of this policy, unless the property be replaced, or the Company have given notice of their intention to rebuild or repair the damaged premises.

**Term,** One year.

**Rate,** 10%

**Premium,** $ 26.67

1. The application, survey, plan, or description of the property herein insured referred to in this Policy, shall be considered a part of this contract, and a warranty by the assured (being the date this Policy is kept in force) any false representation by the assured of the condition, situation or occupancy of the property, or any omission to make known every fact material to the risk, or any variation, or any misrepresentation whatever, either in a written application or otherwise, or if the assured shall have, or shall hereafter make any other contract of insurance, similar unto or not, on the property hereby insured, or any part thereof, without the consent of this Company written hereon; or if the above mentioned premises shall at any time be occupied or used so as to increase the risk, or shall be destroyed by the erection or occupation of neighboring buildings, or by any means whatever within the control of the assured, or if the premises become unoccupied without the assent of this Company endorsed hereon; or if it be a manufacturing establishment running in whole or in part day or night, or either, or if it shall cease to be operated, without special assent endorsed on this Policy; or if the property be sold or transferred, or upon the pending or entry of a decree of foreclosure, or upon a sale under a deed of trust; or if the property hereon be mortgaged under any mortgage, or if the property be in the hands of a receiver, or if the property be in the hands of a trustee for the benefit of creditors, or if the property be in the hands of a trustee for the benefit of persons, or a class of persons, or if this Policy shall be assigned before a loss shall have accrued, or if the property be not the sole property of the assured, or if the interest of the assured be the property, whether as owner, trustee, consignee, factor, agent, mortgagee, lessee, or otherwise, be not truly stated in this Policy; or if in such premises there be kept gunpowder, fireworks, alcohol, gasoline, petroleum, camphene, benzine, naphtha, turpentine, varnish, or there be kept or used chemicals, compounds, spirits gas, or any burning fluid or any chemical oils, without written permission in this Policy; then, and in every such case, this Policy shall become void.

2. This insurance does not apply to any stock jewelry, plate, watches, watch-cases, watch-movements, clocks, pictures, statuary, marble, paintings, painted wards, painted hands, engravings, palettes, picture frames, sculptures, casts, models or curiosities, unless particularly specified in this Policy, and in no case exceeding the cost thereof, nor to any property in the open air, or in any building not fully enclosed, nor to any property in any building or part of building used as a hotel, or boarding house, nor to any property in any building used for storage or habitual lodging, nor to any property in any building used for the manufacture of or for the sale of any kind of goods, wares or merchandise, or for any business, manufacture, use, trade, occupation, or military or naval power; nor for any loss or damage by fire caused by means of the lightning, incendiarism, riot, civil commotion, or military or naval power; nor for any loss or damage by fire to buildings unless the aforesaid loss or damage be caused by means of explosions of gunpowder, or other fire, or explosions of gas or other fire, or explosions of gas or other fire, or explosions of gunpowder, or explosions of any kind, unless fire ensues, and then for the loss or damage by fire only, which loss shall be determined by the value of the damaged property after the casualty by explosions or lightning; nor for loss or damage occasioned by theft of property except it be proved that such removal was necessary to preserve the property, in which case the damage shall be borne by the assured and the Company, in proportion as the loss bears to the whole value of the property; nor for any loss or damage by fire to property while being moved from one place to another, except it be proved that such removal was necessary to prevent the spread of fire.

3. If the interest of the assured in the property be other than absolute, unconditional and his own sole property, or if the property be not the property of the assured, or if the building hereon insured be on land owned by, or represented to the Company and so represented in the written part of this Policy, otherwise the Policy shall be void. When property has been sold and delivered, or otherwise disposed of, or that all interest or liability for loss thereon by fire or otherwise on the part of the assured herein named has ceased, this insurance on such property shall immediately terminate. *Goods held on storage are not insured under this Policy unless specifically mentioned.*

4. If during this insurance the above-mentioned premises shall be used for any trade, business or occupation, or for storing, sales or vending therein any of the articles, goods or merchandise denominated hazardous, or extra hazardous, or specially hazardous in the class of hazards printed on the back of this Policy (*everything such as have a star prefixed*); or if the occupation of such premises be changed from one of the class denominated extra hazardous, or specially hazardous, to that of another of the same class, or to any other specially agreed to in writing upon this Policy; then and from henceforth, so long as the same shall be so appropriated, applied or used, this Policy shall cease and be of no effect, and void.

5. This insurance (the risk on hulls excepted) does not cover loss or damage by fire, unless specified in the written schedule of hulls, and the premium paid for the same by the assured to the Company is given for the same; and it shall be considered as continued under the original representation, and for the original amounts and divisions, unless otherwise specified herein; but in case there shall have been any change in the risk, either within itself or by neighboring buildings, and such change is not the Company's or the assured's fault, the Policy and renewal shall be void.

6. This insurance may be terminated at any time at the request of the assured, in which case the Company shall retain only the customary short rates for the time the Policy has been in force. This insurance may also be terminated at any time at the option of the Company, or giving notice to the assured, and retaining a ratable proportion of the premium for the time the Policy has been in force. This insurance may also be terminated as provided in this Policy, whether as owner, mortgagee or otherwise; and it is a part of this contract, that any person other than the owners, who may have purchased this insurance to be held in trust for company, and be deemed to be the agent of the assured, and the policy of this Company under this Policy shall be in the proportion that the sum so insured by the assured Company bears to the sum insured by the assured.

7. It is further understood and made part of this contract that the Agent of this Company has no authority to waive, modify or strike from this Policy any of its printed Conditions, nor to insert or to increase of this Policy upon the Company, until the same is endorsed, in writing, on the Policy, and the increased premium paid; nor, in case this Policy shall become void by reason of the violation of any of the conditions herein, or any of the conditions printed on the back of this Policy, or shall be forfeited to replace any Policy so made void shall be of no effect until the actual loss and delivery thereof to the assured, any assumed by parole or understanding with the Agent to the contrary notwithstanding.

☞ THE USE OF KEROSENE OIL, permitted, on condition that the same be drawn and the lamps be filled and trimmed by daylight only, provided the quality is of the Standard required by the laws of the State in which this Policy is issued, but in no case below the U. S. Standard of 110° Fahrenheit. GAS.—The generating or evaporating within the building or contiguous thereto, of any illuminating gas or vapor, is prohibited, under this Policy, unless permitted in writing thereon. FRAMES AND OTHER FIXTURES, Sidewalks, Stone Furniture and Fixtures are not covered by insurance on the building, but must be separately and specifically insured. PLATE GLASS doors and windows, when the plates are of the dimensions of other square feet or more, are not covered by insurance on the building, but must be separately and specifically insured. PAUPERS WORK or gilding, on walls or ceilings, is not covered by insurance on the building, but must be separately and specifically insured. BUILDER'S RISK.—The working of carpenters, roofers, blacksmiths, gaddlers, plumbers and other mechanics, in building, altering or repairing the premises named in this Policy, will vitiate the same, unless notice thereof be first given the Company and a permission for such work be endorsed in writing hereon, excepting in dwelling houses only, where five days are allowed in any one year for incidental repairs without notice or endorsement.

AND IT IS HEREBY MUTUALLY UNDERSTOOD AND AGREED by and between this Company and the assured, that this Policy is made and accepted upon and with reference to the foregoing terms and conditions, and to the classes of hazards, memoranda and conditions printed on the second page of this Policy, all of which are hereby declared to be a part of this contract, and are to be used and received to be under to determine the rights and obligations of the parties hereto, in all cases not herein otherwise specially provided for in writing.

*In Witness Whereof*, the GERMANIA INSURANCE COMPANY, of Newark, N. J., have caused these PRESENTS to be signed by their PRESIDENT and attested by their SECRETARY, in the CITY OF NEWARK, this twentieth day of July in the year of our Lord one thousand eight hundred and seventy seven

James P. Poole **Secretary.** John Waterson **President.**

BRANCH OFFICE OF THE

# PROVIDENT SAVINGS LIFE ASSURANCE SOCIETY OF NEW YORK,

SHEPPARD HOMANS, President and Actuary.
A. F. WILLMARTH, Vice President.
JAMES L. GOODRIDGE, Secretary.

No. 770 BROAD STREET,

C. LEVENBERGER, Manager,
FOR NEW JERSEY.

Newark, Mch 31st 1877

Thos A. Edison Esq
Menlo Park N.J.

My Dear Sir:

Enclosed find receipts renewing your fire insurance. as follows.

| | Insurance | Premium | | | |
|---|---|---|---|---|---|
| Humboldt | $2666.67 | $26.67 | Due | April | 13 |
| Citizens | 2666.67 | 26.67 | " | " | 13 |
| Germania | 2666.67 | 26.67 | " | " | 13 |
| Home | 2000.00 | 20.00 | " | " | 25 |
| American | 2000.00 | 20.00 | " | " | 25 |
| | $12000.01 | $120.01 | | | |

The Germania are rewriting all their policies. the one I send you answers the same purpose as a renewal receipt

Yours truly

C. Levenberger
Agent

Location, Menlo Park N.J.

No. 22484 — Office of the — $ 66.67

# Humboldt Insurance Company,

OF NEWARK, N. J.

Newark, N. J. March 30 1877

Received of Thos A. Edison

Twenty six 67/100 Dollars,

being the premium on Twenty Six Hundred & Sixty six 67/100 Dollars,

Insured to Time by THE HUMBOLDT INSURANCE CO., under their Policy No. 33205 which is hereby continued in force for the period of 12 months, to wit: from the 13th day of April 1877, at 12 o'clock, at noon, to the 13th day of April 1878, at 12 o'clock, noon.

A. D. Condit SEC'Y. — E. W. McClave PRES'T.

---

FRANCIS MACKIN, President. — WILLIAM B. NOTT, Vice-President. — WILLIAM H. FREEMAN, Secretary.

Premises, Menlo Park N. J. on Machinery as per Policy

# HOME INSURANCE COMPANY

OF NEWARK, N. J.

No. 22442

Newark, N. J. March 30th 1877

Received of Thomas A. Edison

Twenty Dollars, being the Premium

on Two thousand Dollars insured under Policy

No. 22442 which is hereby continued in force for One Year to wit:

from the Twenty fifth day of April 1877 until the Twenty fifth

day of April 1878 at noon.

Amount Insured, $ 2000 Rate, 1% Prem. $ 20

ATTEST,

W. H. Freeman Secretary.

Francis Mackin President.

OFFICE OF THE

# American Insurance Company,

No. 740 BROAD STREET.

No. 182165 NEWARK, N. J. Mch 30th 1877

Received of Thos. A. Edison

Twenty Dollars, being the

Premium on Two thousand Dollars

Insured under Policy No. 165,859 which, the risk being unchanged, is hereby continued

in force for One year to wit: from the 25th day of April

1877 until the 25th day of April 1878 at noon.

Fred K. Harris Secretary. A. G. Gould President.

C. Lyndsley

Amount Insured _____ Rate _____ Prem. _____

Property Insured Office & Work

Location Menlo Park

STOCK

C. Lawson Insure.

CITIZENS' INSURANCE COMPANY.

# The Citizens' Insurance Company,

443 BROAD STREET.

No. 36.794 Newark, N.J. April 13th 1874

Received from Thos. A. Edison

Twenty Dol. 67/100 Dollars, being the Premium on Twenty Six Hundred and Sixty Six 67/100 Dollars, insured under Policy No. 32104 which is hereby continued in force from April 13th 1874 until April 13th 1878 at noon. Premises Menlo Park N.J.

Attest: A. W. Schmidt Secretary. Joseph S. Smith, President

BRANCH OFFICE OF THE

PROVIDENT SAVINGS LIFE ASSURANCE SOCIETY OF NEW YORK,

770 BROAD STREET.

SHEPPARD HOMANS, President and Actuary.
A. F. WILLMARTH, Vice President.
JAMES L. GOODSMITH, Secretary.

C. LEVENBERGER, Manager,
FOR NEW JERSEY.

Newark, Apl 14 1877

Friend Edison

Humboldt Citizens and Germania fire pols. were due yesterday.

Do you desire to have me continue the insurance?

I've got the winning Co "Prov of NY" am insuring the best business men of Newark. Call when you are in this vicinity.

Yours truly

C. Leyenberger
Manager

Don't understand if you want pols. or not. Send pols. or money for monthly fee of Wm and send money

over

| | | | |
|---|---|---|---|
| Humboldt | due | Apl 13 - | [illegible] |
| Citizens | " | " 13 - | 26.67 |
| Germania | " | " 13 - | 26.67 |
| Home | " | " 25 | 30.00 |
| American | " | " 25 | 30.00 |
| Total premium | | due | $120.01 |

C. Gatewhington
Adv 14.1879

Recd Newark Apl 30th 1877
from T A Edison thirty dollars
on account of Insurance.

C Leyenberger
per Chas.

---

May 5 1877
Received from
T. A. Edison fifty dollars
on a/c of Premium on Life
Policy.

C. Leyenberger.
per A.B.R.

---

BRANCH OFFICE OF THE

PROVIDENT SAVINGS LIFE ASSURANCE SOCIETY OF NEW YORK,

770 BROAD STREET.

SHEPPARD HOMANS, President and Actuary.
A. F. WILLMARTH, Vice President.
JAMES L. GOODSRIDGE, Secretary.

C. LEYENBERGER, Manager,
FOR NEW JERSEY.

Newark, May 7 1877

Friend Edison

Your favor of the 5th is recd. Does 12,000 insurance cover you? I have recd Eighty ($80) Dolls on a/c of insurance for which you already have recd the receipts. Forty ($40) Dolls balance due.

Yours truly

C Leyenberger

---

BRANCH OFFICE OF THE

PROVIDENT SAVINGS LIFE ASSURANCE SOCIETY OF NEW YORK,

770 BROAD STREET.

SHEPPARD HOMANS, President and Actuary.
A. F. WILLMARTH, Vice President.
JAMES L. GOODSRIDGE, Secretary.

C. LEYENBERGER, Manager,
FOR NEW JERSEY.

Newark, May 15 1877

Thos. A. Edison Esq
Menlo Park N.J.

Dear Sir:

Balance of fire insurance premium ($40.00) is recd.

I sent you receipts continuing your insurance more than a month ago.

Yours truly

C Leyenberger

Menlo Park -
Raritan Township

MAY 25 1887

New York, _____ 187 No. 6440 P

The Mutual Life Insurance Company of New York
Nos. 140 to 146 BROADWAY.

Received from Thomas A. Edison
One hundred and five _____ Dollars,
for interest due and credited on Ins _____ Bond
to the first day of June, 1877.

$ 105 00

Jos. A. Hammitt Jr. Asst Secretary.

---

BRANCH OFFICE OF THE

PROVIDENT SAVINGS LIFE ASSURANCE SOCIETY OF NEW YORK,

SHEPPARD HOMANS, President and Actuary.
A. F. WILLMARTH, Vice President.
JAMES L. GOODHUE, Secretary.

No. 770 BROAD STREET,

C. LEVENBERGER, Manager,
FOR NEW JERSEY.

Newark June 8th 1877

Thos A. Edison Esq
Menlo Park N.J.

Dear Sir:

The semi annual premium amounting to $234.40 on your policy with Mutual Life of N.Y. will be due on the 24th day of this month.

Mr Homans has handed me a letter from Tracy R. Edson Esq which he desires me to use as a lever to secure you as a policy holder in the "Provident" I will give you a policy for $10,000 at the semi annual payment first year of $100.60 Second year semi annual payment will be $63.20. third year semi annual payment will be $63.90 only. and fourth year semi annual payment will be $64.70 only.

Do not this better than to pay (as you are) in an average about $200 $ semi annually?

When and where can I see you? I desire to explain the matter fully.

Yours truly
C. Levenberger
Manager

BRANCH OFFICE OF THE

PROVIDENT SAVINGS LIFE ASSURANCE SOCIETY OF NEW YORK,

770 BROAD STREET.

SHIPPARD HOMANS, President and Actuary.
A. F. WILLMARTH, Vice President.
JAMES L. GOODSPEED, Secretary.

C. LEYENBERGER, Manager, FOR NEW JERSEY.

Newark, June 29 1877

Thos A. Edison Esq
Menlo Park N.J

Dr Sir:

Enclosed find receipt renewing fire policy in favor of Mary Edison.

You have not replied to my last letter relating to Life insurance. One would be gladly rec'd by

Yours Truly
C. Leyenberger

I think Winton might be got $10,000 per year. Bacon is and pay for what he has done two years?

BRANCH OFFICE OF THE

PROVIDENT SAVINGS LIFE ASSURANCE SOCIETY OF NEW YORK.

770 BROAD STREET.

SHIPPARD HOMANS, President and Actuary.
A. F. WILLMARTH, Vice President.
JOS. P. FRESHCOTH, Secretary.

C. LEYENBERGER, Manager, FOR NEW JERSEY.

Newark, Aug 4th 1877

Thos A. Edison Esq
Menlo Park N.J

Dr Sir:

Please send me $5 for which I sent you receipt last month and which renews policy fire insurance in favor of your wife.

This premium was due July 8th 1877

Yours Truly
C. Leyenberger

Lyenberger

THE MERCHANTS' INSURANCE CO., OF NEWARK, N. J.

The Merchants' Insurance Company of Newark, N. J.

OFFICE, 776 and 778 BROAD STREET.

No. 84632 July 8th 1877

Received of Mary Edison

Five Thousand Dollars being the Premium on Dwelling, insured under Policy No. 19495 which is hereby continued in force, from July 8th 1877 until July 8th 1878 at Noon.

Mark Lex

ATTEST. Amy Pooley Sec'y. Silas Merchant Pres't.

50

☞ Address all Communications to the Company.

OFFICERS.

E. W. McCLAVE, *Pres't.*
T. W. LANGSTROTH, *Vice-Pres't.*
H. D. CONDICT, *Sec'y.*
JAMES A. HEDDEN, *Treas.*

# HUMBOLDT INSURANCE CO.,

No. 759 BROAD STREET,

Newark, N. J., Aug. 20 1877

Mr Thos. A. Edison
Menlo Park N.J.

Dear Sir

In response to yours of 17th inst. asking Privilege to use a gas Machine, would say that we will grant the Privilege and enclose slip to attach to Policy

Yours Truly
H. D. Condict Sec'y

Newark N.J.
Aug 24/77

Privileg to use the Combination Gas Machine for Lighting the Premises Insured under Policy No. 33015 Humboldt Ins. Co. It being understood that the Reservoir is 45 feet from any building.

To attach to Policy 33015 Humboldt Ins. Co.

H. D. Condict Secy

E. H. HARRIS, Secretary. X. PERRY, V. Pres't. A. H. GOETZ, President.

OFFICE OF

# AMERICAN INSURANCE COMPANY,

746 Broad Street,

Assets, Jan. 1st, 1877, $1,377,108.30.

Newark, N. J., May 20th 1877

To be attached to policy 165,552

Privilege to use "Combination Gas Machine" – tank to be located underground 45 feet distant from rail bldg. insured

J. H. Hoyt
Ass't Sec

FRANCIS MACKIN, Prest. WM. B. MOTT, Vice Prest. WILLIAM R. FREEMAN, Sec'y.

# Home Insurance Company of Newark, N. J.

NO. 810 BROAD STREET,

Newark, Aug. 21st 1879.

T. A. Edison, Esq. Menlo Park, N.J.

Dear Sir: In answer to yours of 16th inst. we are willing to grant the necessary permit to light your Laboratory with gas made from Gasoline provided all the machinery is outside the building, and no Gasoline conducted inside the building, except in the form of gas.

Yours truly
Francis Mackin
President.

JOSEPH M. SMITH, President. H. H. SCHENCK, Secretary.

# The Citizens' Insurance Company,

NO. 443 BROAD STREET,

Aug 22d 1877

Thos A. Edison Esq

Dear Sir,

Below please find permission to use the Gas machine referred to in your letter of the 17th inst.

Yours truly

H. H. Schenck Sec'y

Newark N.J. Aug 22/77

Permission is hereby granted to use the "Combination Gas Machine" the same to be located 45 feet from above bldg.

H. H. Schenck, Sec'y

Citizens Insurance Co

JULIUS H. BIGSE, *Sec'y.* OFFICE OF JAMES M. PATERSON, *Pres't.*

# The Germania Insurance Company

781 BROAD STREET.

Newark, N. J. Oct 22 1877

Thos. A. Edison Esq
Menlo Park N J

Dear Sir

Your of 17th inst. rec'd, Policy Permission granted to use Combination Gas Machine, according to the conditions as stated in your letter date

Yours Truly

J M Paterson Pres.

BRANCH OFFICE OF THE

PROVIDENT SAVINGS LIFE ASSURANCE SOCIETY OF NEW YORK.

770 BROAD STREET.

SHEPARD HOMANS, President and Actuary.
A. F. WILLMARTH, Vice President.
JAS. P. PENNINGTON, Secretary.

C. LEVENBERGER, Manager.
FOR NEW JERSEY.

Newark, Sept. 17 1877

Thos A. Edison Esq
Menlo Park NJ

Dear Sir:

Your favor of 16th inst. inclosing $5. 00, rec'd.

Your "Citizens" policy is O.K. being reinsured in the "Peoples" of this City.

Yours truly C. Levenberger

BRANCH OFFICE OF THE

PROVIDENT SAVINGS LIFE ASSURANCE SOCIETY OF NEW YORK

770 BROAD STREET.

SUBPARD HOLLAND, President and Actuary.
A. F. WILLMARTH, Vice President.
JOS. P. PENNINGTON, Secretary.

C. LEVENBERGER, Manager
FOR NEW JERSEY.

Newark, October 27 1887

Thos A. Edison Esq
Menlo Park N.J.

Dear Sir:

Renewal premium on Mr Jos J. Murray's fire insurance policies will be due as follows.

Nov 16th "Merchants" 25 00 = $31.25
" 16th "Manufacturers" 25 00 = 31.25
" 16th "Home of N.Y." 50.00 = 62.50
$125.00

Very truly
C. Levenberger

BRANCH OFFICE OF THE

PROVIDENT SAVINGS LIFE ASSURANCE SOCIETY OF NEW YORK.

770 BROAD STREET.

SHEPARD HOMANS, President and Actuary.
A. F. WILLSHIRE, Vice President.
JOS. P. PENNINGTON, Secretary.

C. LEVENBERGER, Manager, FOR NEW JERSEY.

Newark, Nov 16 1877

Thos A. Edison Esq
Menlo Park. N.J.

Dear Sir:

Jos T. Murray's fire insurance policies expired at noon today.

Will you see that the premiums are paid if I hold the insurance good?

Please let me know what to do.

Yours truly
C Levenberger

Cant do it just now
Very much covered!

Edison

over

C. Spielberger

If you will agree to pay
next month. I will be with
you and
Respectfully

Mr. C. Spielberger
Nov 16 1877

.D MORTGAGE DEPT.

THE

# Insurance Company of New York,

140 to 146 BROADWAY, NEW YORK.

Thos. A. Edison Esq
Menlo Park N.J.

The interest on Yours

Bond for $ 5000 will be due on the

FIRST DAY OF DECEMBER, 1877.

Amount, $ 105

Respectfully,

No. 9748

F. S. WINSTON,
*President.*

Please return this Notice

Drafts should be made payable to the order of

THE MUTUAL LIFE INSURANCE COMPANY OF NEW YORK.

[OVER.]

The Mutual Life Insurance Company
OF NEW YORK,
Nos. 140 to 146 BROADWAY.

Menlo Park N.J.

New York, DEC 3 1877 187 No. 9748

Received from Thos. A. Edison

One hundred and five Dollars,

for interest due and credited on Mtg. Bond

to the first day of December, 1877.

$ 105

W. J. Parmelee

MUTUAL LIFE INS. COMP. SECRETARY VICE PRESIDENT

Newark Dec 24th

Friend Edison

Yours of 22d rec.

I will attend to your

Mutual Life matter.

How about Murray's

Fire Ins.? Yours truly

BRANCH OFFICE OF THE

PROVIDENT SAVINGS LIFE ASSURANCE SOCIETY OF NEW YORK,

SHEPPARD HOMANS, President and Actuary.
A. F. WILLMARTH, Vice President.
JAMES L. GOODRIDGE, Secretary.

No. 770 BROAD STREET,

C. LEVENBERGER, Manager,
FOR NEW JERSEY.

Newark, Dec 27th 1877

Thos A. Edison Esq
Menlo Park N.J.

Dear Sir:

I called at Mutual Life Office to arrange your fire insurance. There is so much "Red tape" and the ways to accomplish my purpose were so intricate that I gave up the matter.

I learned the following facts. The insurance is in Kings County Fire Ins Co of Ny due Jany 1st 1878, amount of premium $15.00. The clerk in charge of fire Ins promised to keep it good until Feby 1st 1878. I think it best for you to send them or me check for 15$ before Feby 1st and leave the dividend until you make payment for next June on life policy.

I take it for granted that that you paid premium which was due Dec 24-77 on life policy.

Please let me know what I had better do with Murray fire Ins.

Yours truly C. Levenberger

1877. Edison, T.A. - Notes, Financial (D-77-009)

Promissory notes and protests.

All selected.

United States of America, }
State of New Jersey, ss. }

ON the Eighth day of January in the year of our Lord one thousand eight hundred and Seventy seven at the request of

The National State Bank of Newark

**I, Jabez P. Pennington,** *Notary Public, duly admitted and sworn, residing in the City of Newark, did present the original* Note " (*hereto annexed*)

*at the* Office of the Mechanics National Bank of Newark to the Maker and demanded payment, who answered to my enquiries that the Maker of said note was not there and that he had left no funds there to pay it.

**Whereupon I,** *the said Notary, at the request aforesaid, did* PROTEST, *and by these presents do publicly and solemnly* PROTEST, *as well against the* Maker and Indorsers *of the said* Note *as against all others whom it doth or may concern, for exchange, re-exchange, and all costs, charges, damages and interests already incurred, and to be hereafter incurred for want of payment of the said* Note

THUS DONE *and* PROTESTED, *in the City of Newark aforesaid in the presence of* JOHN DOE *and* RICHARD ROE, *Witnesses.*

*IN TESTIMONIUM VERITATIS.*

J. P. Pennington

*Record Book* S. 3. *Fol.* 77 278.

*NOTARY PUBLIC.*

1876

Thos A. Edison's note
for
Stock sold & of ov. Rules

Jany 3/77.

Note of 101.55
Int on 155.
10810
75
Gain
105.85

W B Douglas

Newark, N. J. Jany. 8. 1877.

Mr James Adams

Please to take notice, that

Thos A. Edison's note for one hundred & eight 55/100

Dollars, endorsed by you, was Protested THIS EVENING for non-payment, and that the holder looks to you for the payment thereof,

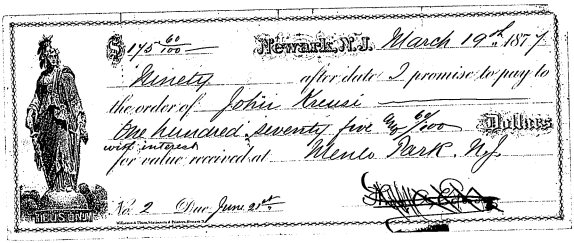
Your Obedient Servant,

J. P. Pennington,
Notary Public,
And Attorney at Law.

Recd of Thos A Edison
One hundred eight 55/100 Dollars in payment of
note of 106.55 with expenses
M B Douglas
per A H

Edison Notes
To advance
Jany 5. 1877

Mr A Edison
I have this day
paid the bill and charged
same to your account
Douglas will send note by
mail if was in bank
R. Bartholomew



$175.60/100 Newark, N.J. March 19th 1877

Ninety after date I promise to pay to

the order of John Krusi

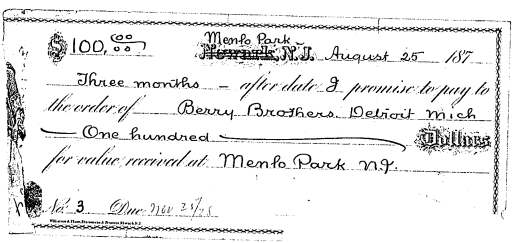
One hundred seventy five 60/100 Dollars

with interest

for value received at Menlo Park, N.J.

[illegible]

No. 2 Due June 25th



$100.00 Menlo Park ~~Newark, N.J.~~ August 25 187

Three months - after date I promise to pay to

the order of Berry Brothers. Detroit Mich

One hundred Dollars

for value received at Menlo Park N.J.

No. 3 Due Nov 25/78

June 6, 1871 received on account
Fifty Dollars
John Kruesi

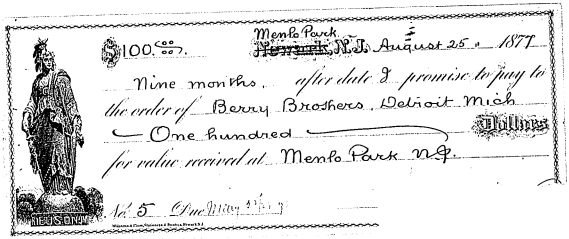
Paid in full
John Kruesi

Bury 1300 — 100
Dec 28.77

Pay to German American Bk
IN ORDER FOR COLLECTION

No 2 Wood 28
1670

Pay CHEMICAL NATIONAL BANK,
N. Y., Or Order, for Coll'n for Acct. of
German American Bank,
Detroit, Mich.
H. L. KANTER, Cashier.



$100.00/00. Menlo Park ~~Newark~~ N.J. August 25 1877

Nine months, after date I promise to pay to the order of Berry Brothers, Detroit Mich

One hundred Dollars

for value received at Menlo Park N.J.

No. 5 Due May 1878

Menlo Park N.J. Nov 23/1877

Sixty days after date I promise to pay to the order of P Higgins fifty dollars. at Menlo Park N.J.

$50.00/100.

Adams.

Berry Bros
May 28 1245

Berry Brothers
Rockville

Pe[illegible] NATIONAL BANK,
[illegible]
Ge[illegible] Banking Bank,
[illegible] Bulletin.
[illegible] L. KAUFFER, Cashier.

Signature was
[illegible] when forwarded
[illegible] 3/22/20

PAID
AT THE
CLEARING HOUSE
WASHINGTON D.C.

P. Higgins

rec'd
July 4 1874

Bank Stat
Rockville
[illegible]
[illegible]

P. Higgins
Nov 2-2-99

1877. Edison, T.A. - Payrolls and Time Sheets (D-77-010)

Time sheets.

All selected.

August 1st. 1877

Recev. for England

12 hrs.

J. Krueger

August 2d. 1877

| | Hrs. |
|---|---|
| Recev. for England | 2 |
| Gold & Stock Sp. Teleg. | 8 |
| | 10 |

J. Krueger

August 3d. 1877

Gold & Stock Sp. Teleg.

13 hrs.

J. Krueger

August 4th 1877

Gold & Stock Sp. Tele.

10 hrs.

J. Krueger

August 5th. 1877

Gold & Stock Sp. Tele.

8 hrs.

J. Krueger

August 6th 1877

Gold & Stock Sp. Tele.

10 hrs.

J. Krueger

August 7th 1877

Gold & Stock Sp. Tele

18 hrs.

August 8th. 77

Gold & Stock Sp. Tele

Experiments

Stock Ticker off pipe

for Boilers

1 hrs

8

J. Krueger

August 9th 1877

| | |
|---|---|
| Gold & Stock Sp. Tele. | 4 |
| Experiments on Magnetic telph. | 5 |
| 2 pairs of " " | |
| | 11 |
| | 20 |

J. Krueger

August 10th 1888.

2 pair of Magnetic Telephs.

5

J. Kruesi

August 11th 1888

Expend. on Magnetic Telephone

10 hrs

J. Kruesi

Sunday

August 12th 1888

Magnetic Telephone

9 hrs.

J. Kruesi

August 13th 88.

Repairing Eg. mach.

1 hr.

8 Pairs of Telephs. 10 "

J. Kruesi

August 14th 88.

Shipping Machinery

3 hrs

8 pairs of Magnetic Telephs

10 hrs.

13

J. Kruesi

August 15th 1888

8 pairs of Magnetic Telephs.

14 hrs.

J. Kruesi

August 16th 1888

8 pairs of Magnetic Tele.

14 hrs.

J. Kruesi

August 17th 1888

8 pairs of Magnetic Telephones

14 hrs.

J. Kruesi

August 18th 1888

Magnetic Telephs.

10 hrs

J. Kruesi

August 19th 1877

Magnetic Telephs.

19 hrs

J. Kinsei

August 20th 1877

Magnetic Telephs. 4

Sewing Machine 1

5 hrs.

J. Kinsei

August 21st 77.

Magnetic Telepth. 2

Johnson's Diaphragms 2

Alteration on Receivr. 2

Exp mits on Telegph. 9

15 hrs.

J. Kinsei

August 21st 1877

Expressage paid for 1 Package from Wm Plum

25¢

J. Kinsei

Augt. 22d.

Magnetic Telegph. 3

Shapmarsh 2

5 hrs.

J. Kinsei

August 23d 77

Expmnts on Diaphragms & New Telephone

22 hrs

J. Kinsei

August 24th 1877

Expmnt on New Telephs. 1

Shapmarsh with Plumber 2

3 hrs.

J. Kinsei

August 26th 1877

Telephone Experiments.

20 hrs.

J. Kinsei

August 27th 1877

Telephone Rooms.

7 hrs.

J. Kinsei

August 28th 1877

Shop work 4
Sewing machine 2
Expences for Sew. mach.
Sp. 1 30/60
Telephone 9

15 hrs.

J. Kennedy

August 29th 1877

Telephone 4 hrs.

J. Kennedy

Sept. 1st 1877

Telephone

10 hrs

J. Kennedy

Sept. 2d 1877

Telephone

9 hrs.

J. Kennedy

Sept. 4th 1877

Sept. hand split die

4 hours.

J. Kennedy

Sept. 14

6 Stations of Telegh.

Sept. 27

12 Stations of Telegh.

Sept 25th 1877.

Telephone sleeves
caps

4 hrs.

J. Kennedy

Sept 26th 1877

Hand & die for Telephone
8 hrs
Telephone 3 "

J. Kennedy

Sept. 27th 1877

Repairing Engine 2 hrs
Hauling caps 6 "

Newark, N. J., 187

# Edison & Unger,

TIME SHEET.

For

Week Ending Dec 1st 1883

Saturday, Phonograph

Monday, 10 hrs

Tuesday, J Kruesi

Wednesday,

Thursday,

Friday,

Newark, N. J., 187

# Edison & Unger,

TIME SHEET.

For

Week Ending Dec. 2d 1883

Saturday, Phonograph

Monday, 10 hrs

Tuesday, J Kruesi

Wednesday,

Thursday,

Friday,

Newark, N. J., 187

# Edison & Unger,

TIME SHEET.

For

Week Ending Dec. 3d 1883

Saturday, Phonograph &

Monday, business in New York

9 hrs

Tuesday,

Wednesday, J Kruesi

Thursday,

Friday,

Newark, N. J., 187

# Edison & Unger,

TIME SHEET.

For

Week Ending Dec. 4th 1883

Saturday, Phonograph

Monday, 13 hrs

Tuesday, Rec'd to T. A. Edison $100

Wednesday, J Kruesi

Thursday,

Friday,

Newark, N. J.. 187

**Edison & Unger,**

TIME SHEET.

For.

Week Ending Dec. 5th 1878

Saturday, Phonograph

Monday, 13 hrs

Tuesday, J Kruesi

Wednesday,

Thursday,

Friday,

Dec. 6th 1878

Phonograph

15 hrs

J Kruesi

Newark, N. J.. 187

**Edison & Unger,**

TIME SHEET.

For.

Week Ending Dec. 7th 1878

Saturday,

Phonograph

Monday, Patent Office model

Tuesday, 10 hrs

Wednesday, J Kruesi

Thursday,

Friday,

Newark, N. J.. 187

**Edison & Unger,**

TIME SHEET.

For.

Week Ending Dec. [illegible] 1878

Saturday, [illegible]

for Phonograph

Monday,

8 hrs

Tuesday,

Wednesday, J Kruesi

Thursday,

Friday,

Newark, N. J., 187

# Edison & Unger,

TIME SHEET.

For

Week Ending Dec. 7th 1887

Saturday, Rongeffe

Monday, 11 h

Tuesday, J Kuche

Wednesday,

Thursday,

Friday,

Newark, N. J., 187

# Edison & Unger,

TIME SHEET.

For

Week Ending Dec. 10th 1887

Saturday, Rongeffe

Monday, 9 h

Tuesday, J Kuche

Wednesday,

Thursday,

Friday,

Newark, N. J., 187

# Edison & Unger,

TIME SHEET.

For

Week Ending Dec. 11th

Saturday, Rongeffe

Monday, 10 h

Tuesday, J Kuche

Wednesday,

Thursday,

Friday,

Newark, N. J., 187

# Edison & Unger,

TIME SHEET.

For

Week Ending Dec. 12th 1887

Saturday, Rongeffe

Monday, 10 h

Tuesday, J Kuche

Wednesday,

Thursday,

Friday,

*Newark, N. J.* *187*

# Edison & Unger,

## TIME SHEET.

*For*

*Week Ending*
Dec. 15th 1882

*Saturday,*
Thompson

*Monday,*
10 hrs.

*Tuesday,*
J. Kinsie

*Wednesday,*

*Thursday,*

*Friday,*

*Newark, N. J.* *187*

# Edison & Unger,

## TIME SHEET.

*For*

*Week Ending*
Dec. 16th 1882

*Saturday,*
Thompson

*Monday,*
10 hrs.

*Tuesday,*
J. Kinsie

*Wednesday,*

*Thursday,*

*Friday,*

*Newark, N. J.* *187*

# Edison & Unger,

## TIME SHEET.

*For*

*Week Ending*
Dec. 15th 1882

*Saturday,*
Thompson

*Monday,*
10 hrs.

*Tuesday,*
J. Kinsie

*Wednesday,*

*Thursday,*

*Friday,*

*Newark, N. J.* *187*

# Edison & Unger,

## TIME SHEET.

*For*

*Week Ending*
Dec. 16th 1882

*Saturday,*
Thompson

*Monday,*
10 hrs.

*Tuesday,*
J. Kinsie

*Wednesday,*

*Thursday,*

*Friday,*

Newark, N. J., 187

# Edison & Unger,

TIME SHEET.

For

Week Ending Dec 18th 1878

Saturday, Phonograph

Monday, 10 hrs

Tuesday, J Kruesi

Wednesday,

Thursday,

Friday,

Newark, N. J., 187

# Edison & Unger,

TIME SHEET.

For

Week Ending Dec 18th 1878

Saturday, Phonograph

Monday,

Tuesday, 12 hrs

Wednesday, J Kruesi

Thursday,

Friday,

Newark, N. J., 187

# Edison & Unger,

TIME SHEET.

For Dec 28th 1878

Week Ending Phonograph

Saturday, 13 hrs.

Monday,

Tuesday, J Kruesi

Wednesday,

Thursday,

Friday,

Newark, N. J., 187

# Edison & Unger,

TIME SHEET.

For Dec. 19th 1878

Week Ending Phonograph

Saturday, 5 hrs.

Monday,

Tuesday, J. Kruesi

Wednesday,

Thursday,

Friday,

Newark, N. J., 187

# Edison & Unger,

TIME SHEET.

For Dec. 21st 1877

Week Ending

Phonograph

Saturday,

10 hrs.

Monday,

J Kruesi

Tuesday,

Wednesday,

Thursday,

Friday,

Newark, N. J., 187

# Edison & Unger,

TIME SHEET.

For Dec. 22d 1877

Week Ending

Phonograph

Saturday,

9 hrs.

Monday,

J Kruesi

Tuesday,

Wednesday,

Thursday,

Friday,

Newark, N. J., 187

# Edison & Unger,

TIME SHEET.

For Dec. 23d 1877

Week Ending

Phonograph

Saturday,

7 hrs.

Monday,

J Kruesi

Tuesday,

Wednesday,

Thursday,

Friday,

Newark, N. J., 187

# Edison & Unger,

TIME SHEET.

For Dec. 24th 1877

Week Ending

Phonograph

Saturday,

7 hrs

Monday,

Tuesday, J Kruesi

Wednesday,

Thursday,

Friday,

Newark, N. J., 187

# Edison & Unger,

TIME SHEET.

For

Week Ending Dec. 26th 1877

Saturday, Phonograph

Monday, 9 hrs.

Tuesday, J. Kruesi

Wednesday,

Thursday,

Friday,

Newark, N. J., 187

# Edison & Unger,

TIME SHEET.

For

Week Ending Dec. 27th 1877

Saturday, Phonograph

Monday, 10 hrs

Tuesday, J. Kruesi

Wednesday,

Thursday,

Friday,

Newark, N. J., 187

# Edison & Unger,

TIME SHEET.

For

Week Ending Dec. 28th 1877

Saturday, Phonograph

Monday, 13 hrs.

Tuesday, J. Kruesi

Wednesday,

Thursday,

Friday,

Newark, N. J., 187

# Edison & Unger,

TIME SHEET.

For

Week Ending Dec. 29th 1877

Saturday, Phonograph

Monday, 10 hrs

Tuesday, J. Kruesi

Wednesday,

Thursday,

Friday,

Newark, N. J., 187

# Edison & Unger,

TIME SHEET.

For

Week Ending Dec. 30th 1877

Saturday, Phonograph

Monday, 8 hrs.

Tuesday, J. Kruesi

Wednesday,

Thursday,

Friday,

Newark, N. J., 187

# Edison & Unger,

TIME SHEET.

For

Week Ending Dec. 31st 1877

Saturday, Phonograph

Monday, 9 hrs

Tuesday, J. Kruesi

Wednesday,

Thursday,

Friday,

## 1877. Electric Pen (D-77-011)

Correspondence, memorandum by Edison, agreement, account, orders, cipher code sheet, circular.

Not selected: duplicate copies of correspondence and agreement.

JAMES GALLAGHER,
General BRASS FOUNDER,
No. 87 Centre Street,
Brass Composition and Gong Bell Castings of every description.

New York, Jan 6 1877

Delivered to

Mr. Edison Pen Co.

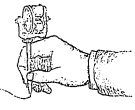
From JAMES GALLAGHER'S

**BRASS FOUNDRY**

No. 87 Centre Street.

| | | | |
|---|---|---|---|
| Brass Castings, | lbs. | oz. | at 8 |
| Comp. | 50 | 10 | |

The ELECTRIC PEN
Thos. A. Edison Gen'l Manager.
220 Olympic Street,
Chicago, Ills.



Feby 7. 77

T. A. Edison Esq.
4 Dey St.
Dear Sir:
I hope you will not get discouraged about the Pen business.
We are now turning out about 80 gross per week & hope to catch up soon.
The orders have been unexpectedly large.
I have 80 unfilled orders for the West.
The prospects are good.
Respfly
Geo. M. Price
Genl Manager

ALVAN STACER
ELIJAH M. UNION

Office of
Western Electric Stamp Manufacturing Co.
[illegible] Chicago

GEORGE H. HILLIS
ELISHA GRAY

FEBRUARY 10-TH, 1877.

THOS. A. EDISON ESQ.
41 DEY ST.
NEW YORK.

DEAR SIR:--

WE SEND YOU A CHECK TO-DAY FOR THE GOODS TURNED OVER IN NEW YORK.

ED GILLILAND WRITES ME, URGING THE PAYMENT OF ALL OF THE INDEBTEDNESS TO YOU.

HE ALSO STATES THAT A LETTER HAS BEEN WRITTEN TO HIS FATHER, REQUESTING THAT SUCH AN ORDER BE SENT US.

THUS FAR THE OLD GENTLEMAN HAS WRITTEN US NOTHING, EXCEPT THAT WE ARE AUTHORISED TO MAKE ONE MORE PAYMENT. HE TALKS ABOUT GOING TO NEW YORK WITH ME ON MY NEXT TRIP. I EXPECT TO START ABOUT THE MIDDLE OF NEXT WEEK.

WE SHALL TAKE THE RESPONSIBILITY OF PAYING YOU SOON THE $650 BILL, AS THAT WILL STILL LEAVE ENOUGH DUE TO PROTECT GILLILAND.

I HAVE, HOWEVER, WRITTEN HIM, URGING THAT SOME FINAL DECISION BE MADE WITHOUT DELAY.

THE PAPYROGRAPH PEOPLE ARE GIVING US A LIVELY FIGHT ALL OVER THE COUNTRY, AND I HAVE BEEN COMPELLED TO TAKE THE PENS TURNED OUT THUS FAR TO FILL ORDERS, AS A GREAT DEAL DEPENDS ON OUR FILLING ORDERS PROMPTLY.

THE WESTERN ELECTRIC ARE RAPIDLY INCREASING THEIR CAPACITY, WHICH I HOPE FOR MONTHS TO COME, BEGINNING WITH MARCH 1-ST, WILL BE AT LEAST TWO HUNDRED PENS PER MONTH.

THIS OUGHT TO ENABLE US TO FILL ALL OUR ORDERS AND GET A SUFFICIENT STOCK ON HAND TO DO A FAIR TRADE.

IF YOU WILL ONLY GIVE ME A PRESS SUITED FOR RAPID WORK, AND FOR WHICH I CAN CHARGE A GOOD ROUND PRICE, IT WILL BE A GOOD MANY DOLLARS IN YOUR POCKET AND HELP BUSINESS IMMENSELY. PLEASE DON'T LET UP ON IT UNTIL YOU ARRIVE AT PERFECTION.

THE GENERAL IS GOING TO NEW YORK NEXT WEEK ALSO; SO WE SHALL HAVE A GOOD CHANCE AT HIM THERE, AND I HOPE THE FOREIGN PEN BUSINESS WILL BE PUT ON A BASIS SATISFACTORY TO YOU.

RESPECTFULLY,

Geo. H. Reed
GEN. AGENT.

ANSON STAGER, Pres't
ENOS M. BARTON, Sec'y

Office of

GEORGE H. BLISS, Gen'l Agt
ELISHA GRAY, Electrician

# Western Electric Manufacturing Co.

24 to 32 Spring Stret. Chicago.

FEBRUARY 12-TH, 1877.

T.A.EDISON ESQ.
NEW YORK.

DEAR SIR:- -

YOU REMEMBER, WHEN I WAS IN NEW YORK, MENTIONING THE FACT THAT THERE WAS AN OVERCHARGE ON SOME OF THE ARTICLES WHICH DID NOT COUNT OUT RIGHT, AND ALSO AN EXCESS OF CHARGE ON THE IRON CASTINGS.

YOU SAID IT WOULD BE RIGHT TO CHARGE THIS UP TO YOU.

THE AMOUNT IS $40.00. THERE WAS, HOWEVER, 9 GALLONS OF CASTOR OIL WHICH YOU DID NOT INVENTORY, AND WHICH WE CREDIT, THUS LEAVING $40.00. I INCLOSE BILL FOR THIS HEREWITH. PLEASE REPLY IF THIS IS ALL RIGHT, AND OBLIGE.

WE SHALL BE ABLE TO FILL ALL YOUR ORDERS FOR NO.2 PENS THIS WEEK.

RESPECTFULLY,

GEO. H. BLISS
GEN.AGENT.

INCLOSURE.

9 10 13 and
Jan 12 77

Allison file this
away for reference

No. 171 C

CABLE MESSAGE.

THE WESTERN UNION TELEGRAPH COMPANY.

All CABLE MESSAGES received for transmission must be written on the Message Blanks provided by this Company for that purpose, under and subject to the conditions printed thereon, and on the back hereof, which conditions have been agreed to by the sender of the following Message.

A. B. BREWER, Secretary. WILLIAM ORTON, President.

Received at WESTERN UNION BUILDING, BROADWAY and DEY STREET.

New York, 1846 a Mch 21 187

Edison NY

Send hundred immediately

Wire reply mondays message

London

STATEMENT.

P. O. Box 3207.

New York, 187

Manufactory: MENLO PARK, N. J.

Mch 25 1877

Mr A Edison.

I have paid enclosed bill of Dettant for $2 70 and charged the same to your account on the books of the Foreign Pen Co

Batchelor

I have also paid today your note to Short for $91 12 including interest fees and charged the same to the account of C. F. Gilliland on the books of the Edison Electrical Pen & duplicating press Co as per your order

Batchelor.

To guard against mistakes on the lines of this Company, the sender of every message should order it repeated; that is, telegraphed back from the terminus of said lines to the Originating Office. For such repeating, the sender will be charged in addition, one half the usual rate of this Company, on that portion of its lines over which such message passes.

**This Company will not assume any responsibility in respect to any Message beyond the terminus of its own lines;** and it is agreed between the sender of the following message and this Company, that said Company shall not be liable for mistakes or delays in transmission or delivery, or for non-delivery to the next connecting Telegraph Company, of any unrepeated message, beyond the amount of that portion of the charge which may or shall accrue to this Company out of the amount received from the sender for this; and the other companies, by whose lines such message may pass to reach its destination; and that this Company shall not be liable for mistakes in the transmission or delivery, or for non-delivery to the next connecting Telegraph Company, of any repeated message, beyond fifty times the extra sum received by this Company from the sender for repeating such message over its own lines; and that this Company shall not be liable in any case for delays arising from interruptions in the workings of its lines, nor for errors in cipher or obscure messages. And this Company is hereby made the agent of the sender, without liability, to forward any message over the lines of any other company to reach its destination.

This Company is not to be liable for damages in any case, where the claim is not presented in writing, within thirty days after the sending of the message.

Mar 21 1877
Fred Gerhard

Gl Hart
$2.33
$1.92 Note
Mar 28. 77

England

Sunderland.
March 29 1877

Dear Sir,

I learn, through Mr Leland, that you have transferred the manufacture of the Electric Pens to the Western Electric Manufgt. Co at Chicago.

I cannot agree to the transfer of the Contract between you & me - dated June 29th 1876 - without further information. I am

Mar 29. 1877 2

quite satisfied with you and the Contract on my stands - but until I can be satisfied that the Company mentioned on the other side will perform that Contract to my entire satisfaction I must hold you responsible.

In this you will see nothing but what is prudent and reasonable - I shall be glad to meet your wishes in every thing that is fair & business like.

The last order for 100 pens

3

has come forward very slowly - can you not cause them to be supplied more promptly in future. Mr. Ledand tells me that Mr Batchelor has called attention to a draft for £52. 10. 0 - it has never reached me - or should at once have accepted & sent it forward to you.

If you will draw upon me, according to contract, and add interest at say

4

5 p^ct p^r annum I will accept & return it to you by first mail

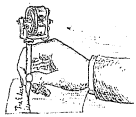
Yours truly

R B Keeton

Mr. Alva Edison Esq
New Jersey

5 52 10

The ELECTRIC PEN,
Thos. A. Edison Genl Manager:
22 Kinzie St.
Chicago Ills



Apr 9. 1877

Thos. A. Edison Esq.
Menlo Park. N.J.

Dear Sir:

I expected to have started for the East the first of this week but several pressing matters have detained me here and it will be some days before I can leave.

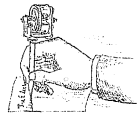
About the Foreign Pen business I have been unable to form any thing like a conclusion.

Little capital is offered for putting in any money unless some one who has money to invest also can be found who is willing to invest & go to Europe to represent the interest of the co.

The man must also be a first class business man.

The Eng. Pen does not come to fruit in a large sum of money but he will give his influence & the backing of the C. E. M. Co. to such a man.

The ELECTRIC PEN,
Thos. A. Edison Genl Manager:
22 Kinzie St.
Chicago Ills



This of course is a good deal but as matters stand I do not feel like going outside of the Eng & the C. E. people for the means to carry out this business.

Several of my friends have expressed a willingness to go in but before any thing can be done I must have a written proposition open for 30 days.

This cannot be arranged till we meet as I have some new ideas on the subject.

Now if you have a good opportunity to arrange with other parties for Europe my advice is to complete the same.

I have been extremely anxious to obtain this Pen business but the obstacles which have come up unforeseen make me anxious to deal in the way of a friend business.

You will see me the last of the week or the first of next week I hope.

Respectfully
Geo W. Reid
Genl Mgr.

This Agreement entered into this 24th day of April, 1877, by and between Thomas A. Edison, Charles Batchelor, and James Adams all of Menlo Park, Middlesex County, State of New Jersey, parties of the first part; and Chas. A. Holland of Hancock, Houghton Co. State of Michigan, and George H. Bliss of Chicago Cook County, State of Illinois parties of the second part witnesseth that:-

Whereas, the said parties of the first part are the sole owners of all the right title and interest of and in certain patents granted in the Kingdom of Austria October the sixth 1876 and numbered (28930), in the Kingdom of Italy September 15th 1876 and numbered (8733), in the Kingdom of Belgium May 31st 1876 and numbered 37,824 and in the Republic of France July 6th 1876 and numbered 117,91 for an Electric Duplicating Press with accessories and

Whereas the said parties of the first part have established a trade in such articles through certain agencies in [illegible] countries of the World and in some countries where patents cannot be obtained and

Whereas the said parties of the second part are desirous of obtaining the business, goodwill, and rights already established by the said parties of the first part and the sole right to manufacture and sell, under the patents already granted in countries aforesaid and under the patents to be obtained in other countries, for their sole use and benefit for a period of five (5) years from date hereof

Therefore be it Agreed that for and in consideration of the sum of [illegible] dollars paid by the parties of the second [illegible] each of the said parties of the first part, the receipt of which is hereby acknowledged, and in other valuable considerations hereinafter mentioned, the said parties of the first part do hereby transfer to the parties of the second part the business goodwill and rights as now established, and the sole right to manufacture and sell within all countries except the

United States of America, Canada, and the Kingdom of Great Britain and Ireland, six articles covered by the above recited patents

It is also agreed that the said parties of the second part shall pay to the parties of the first part (3) three dollars royalty in cash and in complete machine sold in ~~any~~ to any country (whether a patent exists in such country or not) except the aforesaid United States, Canada, Great Britain and Ireland, and personally in the parts thereof, and also (5) fifteen per cent of the selling price of all supplies connected therewith, which payment shall continue for a period of (6) five years from the date of this agreement.

It is also agreed that the said parties of the second part shall guarantee and find machines and thoroughly guarantee and find machines to use diligence and energy in introducing the said apparatus in the various parts of the world.

It is further agreed that if six months first previous to the expiration of the five years, the said party of the second part shall notify the said parties of the first part that they desire to continue this contract they may do so upon the same terms, providing they give such notice in each and every year they desire its continuance.

It is also agreed that should the parties of the second part desire at any time to discontinue this contract they may do so by giving to the parties of the first part six months previous notice and retransferring the licences, goodwill, and rights herein specified.

It is also agreed that upon the first day of January in each and every year the said parties of the second part shall make full and true returns to the parties of the first part under oath, in the usual manner, and that the said royalty shall after the expiration of four months after date thereof be paid monthly to the said parties of the

first part in the proportion of (67½) sixty seven and one half per cent to Edison, (22½) twenty two and one half per cent to Batchelor and 10 ten per cent to Adams.

It is also agreed that the said parties of the first part take out patents in such other countries as is necessary for protecting the trade of the party of the second part.

It is also agreed that the said parties of the second part will cause to be manufactured in the republic of France and kingdom of Austria two Electric pens the first day of apparatus in both for by the law under which the patents in such countries were granted, and will place on sale in the kingdom of Belgium the apparatus before the first day of June 1877 so as to comply with the law regarding the working of inventions under the Belgian patent law.

It is also agreed that should the said parties of the second part desire to purchase outright the patent for the said Electric pen & duplicating press in any foreign country they may do so at any time during the continuance of this contract for the sums named in Schedule A annexed, which sums must be paid in Gold and upon payment of which all royalty on apparatus or supplies sold in such countries shall cease.

It is further agreed that all improvements upon the apparatus covered by the above united patents shall be included in this contract, and any duplicating apparatus which the said parties of the first part may invent and which is capable of performing the same work as the Electric pen and which would be a competitor if introduced shall also be included in this contract subject however to an equitable arrangement of royalty should [illegible] system or any part of it be adopted in place of the Electric pen and duplicating press or any

part hereof.

It is also agreed that this contract is not transferable on the said parties of the second part without the written consent of the said Edison.

It is further agreed that the said Edison shall have for and he does hereby transfer during the continuance of this contract the privileges granted to them by the Western Electric Manufacturing Company under a contract dated 18th of purchasing each complete duplicating apparatus at (Fifty) twelve dollars and fifty cents each and the parts of such apparatus at the prices named in a schedule to such contract marked C a copy of which is hereto annexed and marked schedule B.

It is further agreed that the said parties of the first part will accept (Fifty) one dollar and seventy five cents as full royalty on each and every complete apparatus sold to Messrs Fogg and Co. for shipment to China and Japan during the (3) years from the date hereof, providing that the said parties of the second part are complied to carry out an agreement entered into by them between the Edison Electrical Sun Duplicating Press Company and Messrs Fogg and Co dated

with a copy of which is hereto annexed and marked schedule C.

It is also agreed that in case a new arrangement with the Messrs Fogg and Co is entered into whereby they release their rights under said contract then the said parties of the first part shall receive their full royalty of (3) three dollars on all other sales.

In witness whereof all the said parties of the first and second part have hereunto set their hands and seals

Schedule A.

[illegible] French Patent [illegible] seven [illegible] dollars

[illegible] Austrian Patents [illegible] seven thousand dollars

[illegible] Prussian Patents [illegible] seven [illegible] dollars

[illegible] Russian Patents [illegible]

[illegible] Italian Patents [illegible]

[illegible] Australian Patent [illegible] [illegible] thousand dollars

[illegible] Spanish Patents [illegible] [illegible] thousand dollars

[illegible] Indian Patent [illegible] [illegible]

[illegible] Belgian Patent [illegible] [illegible] thousand dollars

Schedule B.

| Prices of parts and materials | |
|---|---|
| 1 x 11 press | $3.50 |
| Roller | .50 |
| Pen | 4.00 |
| Battery | 2.50 |
| Pen Sand | .25 |
| Pen [illegible] | [illegible] |
| Brush oil | .10 |
| Sponge [illegible] | |
| [illegible] | .10 |
| Pen Lines | .15 |
| Bottle & Lock | .25 |

Schedule A.

Feb 5 1876.

Messrs C. Foos & Co

Gentlemen,

We hereby appoint you our agents in the sale of Ottawa Electrical Fire & Burglar Proof Safes in Ottawa City for a period of 3 three years, after the first day's trial has arrived at its destination.

We shall protect you from interference in your territory as far as lays in our power.

We agree in the first order to deliver three safes free of freight for the sum of the sixteen dollars each and that in the event of any thereof being sold in Ottawa or Japan or elsewhere we are to be shown back at the same price, and pay you the freight and charges, provided they be returned in good order and that we shall have received the money within 30 thirty days after delivery in New York City.

If these terms are satisfactory to you please sign and return duplicate to deliver.

We are truly yours

Odell & Lockwood Fire and Burglar Proof Co

per Chas P. Lockwood

Genl Manager.

The Electric Writing Co. Limited.

9. New Broad Street, E.C.

20th April 1877.

T. A. Edison Esq.
New York.

Dear Sir

On the 14th of this month we received from the Western Electric Manufacturing Co an invoice, for 50 (fifty) pens & fifty (50) stands, On the arrival of the Case, on the 26th inst, we found only 48 (forty eight) pens & 40 (forty) stands, two pens & ten stands short, instead of the invoice number. Kindly let that this

Apr 30. 1877

this deficiency occur?

14th December 1876. on this date we sent an order for extra spindles for the pens, receipt of which order was duly acknowledged but to this date the spindles have never come to hand — Would you kindly see to this, as also to our orders being a little more punctually attended to, expected apology —

Yours truly
pro The Electric Writing Co Ltd
Wm. R. McCullock
Secty.

May 2. 1877

The Electric Writing Co. Limited.

2. New Broad Street. E.C.

2d May 1877

Dear Sir

Herewith I send you my acceptance, for £53. 7. 6 and shall be glad if you will acknowledge the receipt to my address at Sunderland —

Yrs. truly

C. H. Breckon

T. A. Edison Esq.
New York.

The Electric Writing Co. Limited.

9. New Broad Street, E.C.

3rd May. 1897.

J. A. Quinn Esq.
New York.

Dear Sir, I sent you by yesterday's post my acceptance for £83.7.6. which I trust would reach you safely.

I understand that you now have orders for 150 pcs 5/100 Wollen, no pen stands or batteries being required. My object in now writing to you in reference to these articles, is, to impress you with my anxiety for all orders that you now have or that you may have hereafter, to be promptly executed. If you will therefore give your personal attention to this matter I shall esteem it a favour.

May 3. 1897

I am reminded that an order was sent Dec 14th 1896. for 100 spindles, these are desperately wanted. I enclose copy of a notice of the "Electric Pen" which has appeared in one of the trade journals of this Country; Can you give me any information on the subject, or that I may know if any use can be made of the invention in pushing forward the "Electric Pen."

Yours truly,
J. H. Breckon

P.S. Please reply to Sunderland

May 7. 1877

**The Electric Writing Co. Limited.**

9. New Broad St. Bord. E.C.

May 7. 1877

My dear Sir

I have had very little time or opportunity to write you lately for I have been so much from home — have been so busy in forming the E.W.Co. — also to Electric Writing Co Limited and have had so much worry with respect to the Change of apparatus that I have hardly known which way to turn — The fact is the British public — with its usual stupidity — did not take kindly to the apparatus as it was and it has had to be practically revolutionized Ed — I sent you two of the Fuller batteries — How do you like them? — with us they answer splendidly lasting two or three months and then only requiring that the inner jaff should be emptied and refilled with water and a little acid. —

I cannot tell how you travellers can possibly get on with the open batteries — we now cover our jars with an india rubber cap so that they are perfectly portable without any chance of spilling

— Our present press — after giving us a lot of trouble — I think a great success — Costs us 7/— would you like to have one? —

I see that some new presses

has been invented in America
— should like to have particulars.

French Patents

I have worked hard at this but the unsettled state of Continental politics — which as you see has ended in War — has clogged my operations and prevented my friends from coming to a decision. — I feel that I have now got England satisfactorily organized and if you are enclined to let me work France on a Royalty for two or three years on Condition that I completed purchase at the end of the time I will take up the organization there — My experience here will be of immense service and I shall have every inducement to complete as otherwise all my labor would simply pass to you — Let me hear from you on this early.

American Northern

I have hardly had time even to think of this — the idea seems good — do you care to have anything from this side? I have three patents that would pay — Waiting your reply I am Yours faithfully

Fred C Ireland

W. J. A. Edison

I don't understand this

Sunderland
May 10 1877

T. A. Edison Esq

Dear Sir,

I beg to thank you for your favor of the 25th ult. If the Western Electric Co will only send us the pens with as good a finish upon them as those we received from you a few months ago we shall be perfectly satisfied and, no doubt, you will see that this is carried out.

I am glad to hear that you have simplified and improved the pen. I shall be glad to see the improvements when the new pens arrive in London. An order was given yesterday from the Electric Lighting Co in London to you for 100 Rollers and I shall esteem it a favor if you will hasten them forward and have them shipped as quickly as possible.

ELECTRIC PEN & DUPLICATING PRESS.
No. 220 to 232 Kinzie Street.

GEO. H. BLISS, GEN'L MANAGER.

Chicago May 10th 1877

Dr. A. Edison Esq.
Menlo Park. N.J.

Dear Sir;

As I expective the contract in regard to the ink has not arrived.

Mr. Bliss came here on the 18th and I am very anxious to give him instructions in the matter before he sails.

You wrote in all good faith to Mr. that the ink contract; hence to me immediately on receipt of this.

I can then by telegraph instruct him before he sails.

Please attend to this & oblige

Respectfully
Geo. H. Bliss
Genl Man.

Answered

Albany 11. 1877

Compton House Hotel
Liverpool. May 11

My dear Sir

I have just left Manchester where I had a long talk with Mr Batchelor about the pen and various other matters — he has been like some others of us — disappointed that the pen has not taken more quickly — I never expected it would go here all at once but certainly the difficulties have been more numerous than I expected — I think however that these are now practically overcome and that we ought not to go on quickly —

Mr Batchelor quite thinks you ought to adopt — our press & our ink — don't know the composition of the latter but could doubtless get it communicated — Shall I send you samples of both and both of us place the matter before the Co who have taken the pen in hand.

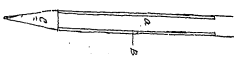
French Patent

Mr Batchelor tells me that the Co want someone to work this on a Royalty — If this is so it fits with

any letter to you of Monday last. – The French law of course requires that all patented articles should be made in France – C.B. that the part – essential to the patent should be so made – there would be no difficulty about this.

Pen Barrels

We have had nearly 20 pens dropped & broken through the slippery barrels – I thought you were going to have them fluted – We now cover with a piece of thin india rubber tubbing but it is only a makeshift – Could they not be manufactured in this way.




a – metal tubbing not polished
B – Indian rubber covering
C – moveable front (screwed in) to be replaced when worn

I think this would in the long run be cheaper than the present plan & certainly much better.

– Mr Breckon has sent me copy of your letter – I shall be glad to see the new pen – This one improvement I should most like would be an arrangement to place the weight of the magnets on the top – not on one side – the immense advantage is most noticeable when working with the Pneumatic pen –

What is the enclosed cut from the Daily News of this date. — If I go to France for a while I should like to push some of these things there

I am Dear Sir
Yours faithfully
Frederic Ingland

Sunderland:
11th May 1877

Dear Sir,

I send you a clipping from our London Daily News, of this date, giving a description of one of your new inventions.

I trust you will reserve to me the right to have the invention for this Country in the event of you taking out a Patent for it.

Having purchased your Patent for the Electric Pen, any of your other inventions I think should come into my

May 11. 1877

possession, of course on terms to be mutually agreed upon, and I trust we shall not find it necessary to introduce third parties in any negotiation that we may have.

Have you disposed of your Patent of the Electric Pen for France - if not will you tell me the very lowest price for cash that you will sell it for.

Yours very truly

J. R. Breckon

T. A. Edison Esq:
Menlo Park
New York. U.S.

May 18. 1877.

Sunderland.
18th May 1877

T. A. Edison Esq
Menlo Park
New York. U.S.

Dear Sir. Will you be kind enough to let me know if a Patent for your "Electric Pen" has been taken out for Spain, and if so I shall be glad to know the lowest price that you are disposed to sell it for.

Yours truly
J. R. Breckon

F J Kruis
May 21. 1877

Answered Better

Newark May 21. 1877

Dear Edison.

Please send me 1/2 dozen of those Gravity battery cells. You have a great many and no doubt you can spare me 6.

Perhaps Batch will be kind enough to take them to New York & leave them at 1 Wall St or with Gilliland, and I can have them brought to me from there.

But tend to this immediately as I can make 2 sales as soon as I can furnish Bottle Batteries instead of the open ones.

So send them right off & oblige

Yours truly
Fred J Kruis
48 Holland St.

NB. let me know if you can send any & will be ready

ELECTRIC PEN & DUPLICATING PRESS.
No. 220 to 232 Kinzie Street.

GEO. H. BLISS, GEN'L MANAGER.

Chicago May 28 1877.

T. A. Edison Esq.
Menlo Park, N. J.

Dear Sir:

I am satisfied in my own mind that you are making a great mistake in the price at which the ink is being sold in this country.

I have in my employ a first class man who was in the ink business three years.

He tells me there is a wide difference in the prices charged by ink manufacturers.

The men who make the most money are those who fix a first class price on their goods & stick to it.

The Public once becoming familiar with the goods won't be induced to buy a cheaper article though equally good.

There is an enormous profit to the vendors on ink.

Porter's instance are ink which costs by the gross 7.00 retail at 14.40 & other goods in nearly that proportion.

ELECTRIC PEN & DUPLICATING PRESS.
No. 220 to 232 Kinzie Street.

GEO. H. BLISS, GEN'L MANAGER.

Chicago 1877.

You will see from this that there is not enough inducement on your schedule to make dealers prefer your goods.

Again if sold largely by canvassers there is not margin enough to pay first men for taking hold of it.

The great reputed to Boyd & Ros known ink makers to keep chemists at work long time trying to discover the ingredients & method of Arnold & other inks successfully.

If your method of manufacture is right well in Rand & Boyd not think the i mend risk of successful imitation and at any rate your safety is in putting a good figure on the ink and paying no attention to cheap competition.

We believe large amount of your ink can be sold at first class prices.

My own idea would be to get up an outfit with the necessary ink, blotter, pens &c in good box & get $7.00 or 10.00 for it.

I write this so you can give it consideration & we can talk it over when I come down.

Respectfully

Geo. H. Bliss
Genl Mgr.

ELECTRIC PEN & DUPLICATING PRESS.
No. 220 to 232 Kinzie Street.

GEO. H. BLISS, GEN'L MANAGER.

Chicago 1877.

Kenilfield Place Handsworth
Birmingham Aug 1874

Thos. A. Edison Esq
Dear Sir

As you know I contracted with Mr. J. H. Gloyne to purchase your patent for the Electric Pen for Britain but I never had the pleasure of having any correspondence with you or matters would have perhaps gone more pleasantly if I never knew the exact merits of the transactions between my originator, Mr. Gloyne. I had known a considerable time & after he went to America he sent me one of your pens & said he had no offer of the patent from you & the wishes were for him in acquiring the English patent.

After many troubles in printing as they only had the first simple machine sent, I found I could print well with a different ink roller & cabled Mr. Gloyne to forward another machine which he replied he had done — he passed many letters in the mode of dealing but I could not agree to his proposition but finally after agreeing with my friend Mr. J. R. Brechin to join me in the purchase we went over Mr. Ireland to settle with you which he reported he had done after considerable difficulty but as I could not obtain any satisfactory information from either side & the assignment was made according to an agreement I did not trouble about what had passed, but lately it occurred to me that representations had been made which might give you wrong impressions regarding me & my position as regards your patent here & I thought I would write you a few lines of explanation —

C17

Before he went out (Dr. Ireland) received a pow. Attorney prepared signed by himself & Dr Breckon authorizing him to act for us both — This pow. was accidentally left behind but I had written fully to Dr Stogre & authorized him to permit the name of Dr Breckon to remain in the deed. & that Dr Ireland had sufficient authority & I had advised Dr Stogre he would come and would act for me & Dr Breckon — I said subsequently he said he had nothing to do with me but had brought money & taken up the patent & was acting for Dr Breckon alone

To shew the truth of this Dr Ireland met me with Dr Breckon & recently at Brian's for final arrangement & we went to my Solicitor Mr Rupland Gentleman (Carlisle) to have the regular papers drawn up. It was Saturday & business greatly close at 2 pm but they said till 4 o'clock to complete the business & the document was sent to the American Consul for signature but he was absent & it lay till he left till Monday & then followed a blunder & Mr Ireland did not get the power of Atty. from me but it was really the only legal power by which he could act but Dr Stogre being just passed departed with it & all we had to do was to complete the contract with Dr Stogre receive the money —

My connection with this business was very simple I had a copy of the contract to sell to Stogre & his contract to sell to me — I agreed to purchase where I saw friends to promote but in the end agreed with Dr Breckon & I sold a moiety of the patent subject to Dr Breckon's claims

There are so many false things said that

Thos. D. Chase
May 1877

[2]

wished to show you at some time how matters had really stood. — Accidentally sometime since Mr Roland said you had offered him your foreign patents; I at once wrote Mr Brechin & said Mr Roland going out to Chile sent us. as Agent ought not to deal with matters connected w/ his own benefit & I should expect to participate in any thing that took place but I have not heard of any thing further has been done but I should be glad to know how this stands if you have offered the patents, to know what has been done

Many by matters have not been carried on here to my satisfaction. Mr Roland has been Manager but I should think the business has been about a tenth of what an American Man of business would have done here, for I understand has been done in your Country ——— There has been a disappointment to me as I expected good results, for the pen is a wonderful perfect instrument though the printing is small, I show but with energy I push. I consider 10 times as much could have done if money money & energy had been used —

I was pleased to hear of your improvement on the Telephone — The progress of science is marvellous in all directions your Country will soon turn the tables on us instead of our supplying you we have your various manufactures coming in here of all kinds & they seem to be able to compete successfully — The production of Bessemer Steel has been marvellous the last year especially. I held three fourths in Markets patent which practically controlled the process but we did not play our Cards well & only get a percentage — what we ought to have got. Bill we received Royalties last year nearly £5000 but at our first scale it would have realized £250,000 Sterling for the one year — Bessemer

£2 further made an enormous fortune in few years, in which we ought to have participated, but for our accidental loss of the patent — ——— I shall be glad at your convenience to have a few lines —

Yours truly

Wm. D. Clare

Newark
New Jersey
U.S. America.

L2. further I made any enormous fortune in ten years, in which we ought to have participated, but for our accidental loss of the patent. — I shall be glad at your convenience to have a few lines —

I am Dear Sir
Yours truly
Wm. D. Clare

Newark
New Jersey
U.S. America.

I exhibited "The Pen" at a Conversazione of the Royal Society — when it was receiving with distinguished success. I also exhibited it at the Society of Telegraph Engineers two consecutive meetings, & at the Society of Arts, the Royal Institution, Prince of Wales Institution & evenings, Boys Wheel Institute Leeds.

The Secretary to the Treasury wrote me for specimens of the most time by the pen & particulars as they are investigating the best mode of multiplying copies of Writing &c.

I ought to have a large sale with continually but if requires very energetic management with no lack of funds & some one acquainted with & fitted for such a business. There is a chap lately brought out a thing Dr Bregelzon says will print 1000 per hour good copies.

I know very little of it at present as I am rather at sixes with him about certain arrangements —

Sunderland
June 4th 1877

Dear Sir, I have duly received your favors of the 18th & the 21st Instants.

The information respecting the new press is very encouraging - I shall anxiously await for the arrival of it - for if it be successful as I feel sure it will be the way will be opened out for a large application



of it with the Pen.

I gladly accept your offer to convey to me the use of the invention on the terms and conditions mentioned in your note - we are getting on slowly with the Sale of the Pen - the British public is slow and cautious - then money is scarce in all business here - so that I don't feel discouraged by the delay. I shall be glad at all times to be informed upon

3 June 4, 1877

the progress that it is making in America - and any hints that you can give me which will make the inventing more in request I shall be obliged for them.

A few good specimens of work produced by it sent to me here would be useful

Yours truly

C. R. Breeden

Thos. A. Edison Esq

4

P.S.

The new press may be sent to me at the

Electric Writing Co Limited
9 New Broad Street
London EC

# ELECTRIC PEN AND DUPLICATING PRESS

GEO. H. BLISS, Genl Agent
220 WABASH ST. CHICAGO, ILL.

E. T. CHAMLAND,
Gen: Eastern Agent

20 NEW CHURCH ST.

NEW YORK June 5th 1877.

Thomas Edison

Sent it possible to patent the process by which the Duplicating Ink is used.

Want to get in an application or something so as to talk license

Respectfully
E. T. Chamland

T. A. Edison Esq.
Menlo Park. N. J.

I inclose the Sandbinnerkal Pen contract just rec'd from Mr. Chamland.

Sunderland.
8th June 1877

T. A. Edison Esq
New York

Dear Sir,

I am favoured by yours of the 25th ult: & now thoroughly understand the position of your Patents for the Continent of Europe -

We are now getting into active operation in London & elsewhere & hope shortly to effect considerable sales, but I need hardly tell you that the organization of a new business like this is in itself a work of labour and

June 8. 1877

difficulty - and then unfortunately the British Public take to novelties like the Electric Pen very slowly & reluctantly -

I have requested the Manager in the office in London to give Lord Lindsay an opportunity of seeing the Pen in operation & the specimens of work that can be produced by it - I thank you for having referred the enquiry to the London office and shall esteem it a favour if you will dispose of other enquiries in the same way -

Yours truly

J. R. Brooks

The Electric Writing Co. Limited.

9. New Broad Street E.C.

June 14. 1877

My dear Sir

Thanks for yours of the 21st ult. — The Gutter batteries we sent you may not have been so nice looking as those we now send out — these we think leave nothing to be desired and they last for six months without any attention except to empty occasionally, a little liquid from the inner cells and fill up with water. — Can you tell me how your battery is made to last one or two months — we could never get any such results. — You do not say whether the West. Elect. M & C Co. would be willing to take over the spare pressure etc we have on hand and on what terms. — Could they not go to the Continent — What is the address of the Agent in Paris? — Waiting favor of your early reply I am

Yours faithfully

Frederick Pelouze

Mr T. A Edison

Esq.

June 14, 1877

P. S. We always send out with each pen a small hone (Arkansas stone) costs 75 per doz. hence — they are about 1½ inch. long. —
It is of immense use for sharpening the needle.

June 14, 1877

The Electric Writing Co. Limited.

9 New Broad Street, E.C.

June 14. 1877

My dear Sir

I have been laid up for a fortnight with a severe sprain — I have got out today for the first time — I have ordered a proof bottle of ink & specimens to be sent to you forthwith — the proof I am sure will please you greatly

I shall be glad to have the articles of Stationery you speak of as early as convenient — for I am moving about a great deal just now & might do something with [illegible] —

We have a number of Duplicators but have had trouble with them in all cases hitherto and the latter results poor & faint

French patent

Can you find out whether definite arrangements are absolutely concluded yet — If not I should like to take up the sale on a royalty merging in a purchase — I have other business in France which would combine well

with this, — If the Coal trade here had not been so bad (rendering my Colliery property absolutely unsaleable) I would have bought it myself long ago. —

I suppose the Westn Electric Mfg Co will have no objection to supply me with plant for certain places where there is no patent — Now that we are a Limited Co I regard these districts as fairly within the limits of my own personal interests.

— I have an apparatus for preventing trousers — stretching or bagging at the knee — Would this suit the Novelties Co?

Yours faithfully
Federic Ireland

T. A. Edison Esq

The Electric Writing Co. Limited.

9. New Broad Street. E.C.

12th July 1877.

T. A. Edison Esq.
Menlo Park
N.J.

Dear Sir

I beg to inform you for your guidance, that Mr. J. Ireland is no longer connected with the above Company, he having resigned his position as manager.

Yrs Managing Director

Dear, 12. 1879

Mr Edison

Dear Sir

what countries in Europe you have taken out "Letters Patent"?

also what patents in the Continent you have still at disposal & which of them have been taken up by the Anglo-Electric Mfg. Co?

Kindly forward this information for our guidance & oblige,

Yours very truly.

Arthur M. McCulloch.

Secty.

July 12. 1877

Sunderland.

12th July 1877

Dear Sir,

I have communicated with the Directors of the Electric Writing Co Ltd & they will order one of the Electric pens for shading, scrolling & ruling music in their next requisition.

I hope shortly to be able to say that the Directors of that Company will recognize the Western Electric Manufacturing Company in respect of the Contract entered into between you & me for the supply of Electric Pens.

I have been hoping to hear from you to say when the Press which is to print copies so rapidly may be expected in England.

You also spoke about an improvement in the Electric Pen whereby liability to get out of order would be reduced - will you kindly say how soon the specimen pen will be delivered in London.

I am in correspondence with Mr. Ireland respecting your draft for £6. 3. 0 & I hope in a day or two to have his reply to say that it is all in order - it shall then be accepted & forwarded to you without delay.

Yours truly

J. B. Elliott

T. A. Edison Esq
Menlo Park
New York.

b.9.

July 20, 1877

Sunderland
July 20th 1877

Thos A Edison Esq.

Dear Sir,

I am anxious to know when the new Pens can be ready & how soon you can have one sent off to me
I believe that sales of the Pen are being prevented in many quarters from want of a more rapid mode of inking

Yours truly

J. R. Brown

Statement Aug 1877

To be paid by Batchelor
to Edison for M. E. Mfg Co

Aug 1st 1877

| | |
|---|---|
| Bill | 5.45 |
| Bill | 386.60 |
| | $392.05 |

Already paid

| | |
|---|---|
| Check June 25th | 21.00 |
| " " " | 33.00 |
| Cash July 8. | 12.43 |
| Check part of 142 66 | 42.68 |
| Check Aug 6. | 50.00 |
| " " " | 179.00 |
| | $348.11 |

Bucon 44 $8.3—

Aug 8

A. A. Edison Esq.
Menlo Park N. J.

Dear Sir:

Does the letter from White & Co. to the Electro Chemical Co. refer to the Duplicating Ink out of or to the Electric Pen?

Respectfully
Geo H. Bliss
Genl Man.

ELECTRIC PEN AND DUPLICATING PRESS.
229 TO 232 KINZIE ST.

Geo. H. Bliss, GEN'L MANAGER. CHICAGO Aug. 28 1877.

T. A. Edison Esq.

Dear Sir;

Beetle wrote from London July 21st as follows.

"Brandon says we are not obliged to work the Pen in Italy until a year from next August."

This does not agree with Mr. Ferrelli's statement.

I hope it is true as it will give more time to perfect arrangement.

Beetle has gone to Italy to get a start there.

We think the London Press & Battery will give better satisfaction than ours but I doubt it & shall not think of changing till we consult.

He says the Secy of the English Co. dont amount to much as he is young & is the son of an interested party who has money.

He had had a valid Fairbie who treated him well and pampered him hard.

They wanted to know where talents

ELECTRIC PEN AND DUPLICATING PRESS.
229 TO 232 KINZIE ST.

Geo. H. Bliss, GEN'L MANAGER. CHICAGO _____ 1877.

had been obtained and applications made. They were about starting in Russia. Beetle had them off & tried to do so in Australia & the Colonies. They sent four Pens to Africa the day Beetle was there, where Wont & drinks goods go. Beetle says they have done more out side of England than in it.

Obtain stuff all this if you can.

Respfly

Geo H. Bliss

Gen'l Man.

Ronzo Tenn. Sept 26. 1877.

Dear Sir:

Acting on the advice of Geo. H. Biss Genl Manager of the Electric Pen. I have enclosed herewith a description of an invention of mine. It is a power for running the needle of your Electric Pen.

Mr Biss tells me that if there is any merit in it you will acknowledge it and probably take charge of the invention. I hope you will examine it and give me your opinion of the plan.

Air is the power used and it is to be supplied by blowing into the tube or by a small bellows.

Hoping to hear from you at your convenience I remain

Very Respectfully
Lorenzo Stokes

Dear Sir
I received your
letter of the 14th inst.

A A is a small tube, with openings at each end, on opposite sides. D, turns on an axle one side of which is hollow for the admission of the air. C shows the opening. B B B B show the frame in which it runs, and which is to be fastened to the top of the tube in a similar manner to your electric engine. O shows the tube that conducts the air to the power. The desired speed may be obtained by gearing. Its simplicity, lightness, and cheapness recommend it.

Respectfully
Lorenzo Stow

Back view
shaft with bottom pulley
with belt from
power E on top
that it also of
pulley for belt
must be
opposite

Please write plainly

Thomas Fu

Sunderland.
27 Sept.r 1877

Dear Sir

I enclose copy of a letter that I have written to the Western Electric Manufacturing Co respecting your draft upon me for £302-6-1.

I am anxiously waiting to hear from you in reference to the more rapid mode of printing from the pencil produced by the Electric Pen – some time ago you promised to send me your new apparatus for more

Sept 27. 1877

rapid printing; I shall be glad if you will have it despatched at your earliest convenience

Yours fully

C. H. B. Weekes

Thos A Edison Esq

[ENCLOSURE]

Sept 27. 1877
Copy

Sunderland
27 Septmbr 1877

Dear Sirs

Mr Edison's draft in your favor for £302-6-1 has been presented to me to day and I have accepted it and returned it to the bankers on the condition that you will credit me with the amount overdrawn, viz £52-10-6 in rush settlement — statement of a/c annexed herto.

If you have not already sent off a further consignment of Pens I shall be glad if you will do so at once as they are likely to be wanted very shortly.

I am obliged for the specimens of writing by Mr Pens — they are really beautiful work and I shall be glad to receive further specimens of the work you are doing from time to time if you can spare them

Yours truly
(Signed) J R Buckton

Messrs The Western Electric Manufacturing Co

Ok

[ENCLOSURE]

| | £ | s | d |
|---|---|---|---|
| Balance — | 60 | 13 | 0 |
| Invoice — | 45 | 4 | 0 |
| do — | 95 | 8 | 10 |
| do — | 65 | 0 | 0 |
| do — | 34 | 10 | 0 |
| do — | 2 | 7 | 3 |
| | 303 | 3 | 1 |
| My acceptances — | | | |
| 53 · 7 · 6 | | | |
| 302 · 6 · 1 | 355 | 13 | 7 |
| due to MRB | £52 | 10 | 6 |

N.B It seems that you have not credited me with the acceptance for £53 · 7 · 6

City Circular Company,
93, Gracechurch Street, E.C.

Oct. 29. 1877

T. A. Edison
Menlo Park
N.J.

My dear Sir

I do not know whether you have parted with all your interests in the Electric Pen but whether or no I suppose you still care for its welfare – There are one or two things that are militating sadly against its great success. –

1st. Rollers – those now sent are nothing like the first – it is impossible to get decent results with them. –

Have you any of the old rollers left – if so I wish you would send me two or three – If not can you send me a sample of the felt

Tubes. – These are too soft – they wear large in the holes in no time & then of course the writing is shaky. –

Could you make steel or platinum points for the pen to avoid this. – I should very much like to have two or three

You will know probably that I have ceased to have any connection with the Electric Writing Co – I thought, and still think that the conduct of the Directors will ruin the pen head – that time will show. However we quarrelled on the subject.

I had a long talk with Col. Bustle a few weeks ago

and made some suggestions to him respecting the conduct of the French business which he seemed to think of value – He arranged to call again but I have not seen or heard from him since

He told me you were going on with the telephone – Why so I naturally feel interested in hearing of it as I first induced you to experiment in the matter

American Institute

I should like to hear more of this & what it is doing – I have no time and opportunity to deal with anything of the kind that is good

Yours truly
Fred. Pickard

Mr. Edison

I have just adopted an excellent pad for writing on – it is made of ground wood &c. – it is like writing on very soft wood without any grain. – The results are much better than from blotting paper and it is easier to write on

Refer to G.H.B
Please note
T.A.Edison

Geo. H. Bliss, Genl Mang'r.

OFFICE OF ELECTRIC PEN AND DUPLICATING PRESS.

220 TO 232 KINZIE ST. Chicago, Nov. 26 1887

T. A. Edison Esq.
Menlo Park, N.J.

Dear Sir:

The statement sent you was correct and Barton's letter was wrong. This fall I have been selling off the over stock accumulated at the agencies in the summer. September was a better month than July or August & October better still for actual sales to customers. You have no idea what a tremendous effect the hot weather, strike & change in price had on the business. For a while it looked to me as if the thing was literally going to smash. I picked in and have sent out thousands of circulars all over the country & am advertising today in a hundred newspapers. My bills of every kind are enormous. T

Geo. H. Bliss, Genl Mang'r. E V

OFFICE OF ELECTRIC PEN AND DUPLICATING PRESS.

220 TO 232 KINZIE ST. Chicago, 187

Sometimes it seems as if the public never would give down. The work has with the Pen is of the most beautiful character and is coming in from all sources from San Francisco to Maine & from Lake Superior to Louisiana. The samples which are coming over from Brussels & Vienna are wonderfully fine exhibiting the short time they have had the Pen. The testimonials coming in are stronger than ever. In spite of all this people seem to have been most for the Poetry to push. In the midst of all this you have neglected me - You promised that today there without fail also the ink attachment & sheet work and that 100 copy duplicating ink. How on earth is a man to win in this contest unless you will help him? Please do something about these matters right a-

Geo. H. Blake, Genl Manr. S 3

OFFICE OF THE ELECTRIC PEN & DUPLICATING PRESS.

220 TO 232 KINZIE ST. Chicago, _____ 187

Way. I have more faith in the Pen than ever and it is certain to come into universal use. There has got to be a first class pen office in every large city with a good stock of Pens and first class pressmen to do printing & change & lots of it. We must have a that rotary press. I have just been after much experiment in how to advertise with effect. I shall be out this year including Rent &c $10,000 but am going to have it back next. The scheme of a large company to work the business is progressing favorably & I hope will consummate. Today I had a hundred letters & Eight Dolls. In time I shall run it up a 1000 letters a day. In the Pen you have got a certainty and why not take the time to keep me in the advanced field. It will pay you

Geo. H. Blake, Genl Manr. S 4

OFFICE OF THE ELECTRIC PEN & DUPLICATING PRESS.

220 TO 232 KINZIE ST. Chicago, _____ 187

better than anything you have ever had. We have made an improvement in the Reed pen & for fast pressmen it is going to be first class. How is it that the W. U. have ordered Troy to make 100 telephones? Richmond of Rowning has worked 2 30 miles with his telephone. I know you will accept the field & a down-right practical instrument and no man will be more delighted than myself but I beg of you to help me out with that rotary press. I cant come down there now to stay & see it done & must depend on you to not neglect me. All & more than was ever hoped of the Pen can be realized with lots of energy & hard work. Please write.

Respectfully

Geo. H. Blake Gen.

T. A. Edison Esq.
Menlo Park, N. J.

Dear Sir:

What have you done about the combination mentioned by Brecken in the inclosed letter. If you find it so desired, can be made by working on a key board would we make it likely to interest?

Respfly
Geo. H. Stone
E.M.

[ENCLOSURE]

Sunderland.
Nov. 17th 1877
Ans'd 19th 77

Dear Sir, Your letter of the 30th Ult.o which I observe produced by the type printing machine suggests the question - has any application of that process been combined with the Electric Pen - if so what has been the result. Mr. Edison's patent included the combination of the two machines - but I have not heard that the attempt has been made - can you tell me how this subject has been treated and in what position it now stands

Yours truly
C. H. Breckell

Geo. H. Ellis Esq

OFFICE OF

# A. K. Eaton,

## CHEMIST,

MANUFACTURER OF PRISMS, SPECTROSCOPES, ETC.,

65 HENRY STREET,

Brooklyn, N. Y., Dec 13th 1877

Dear Edison

I would like to have one of your electric pen & press arrangements but am too poor to pay cash. Is there anything that I can do for you in my line, so as to make a fair exchange

Yours

A. K. Eaton

1277

The Electric Pen Co.

Capital. 25,000. in 2500 shares,

Organize under the laws of France,

Main office, ~~New York~~ Paris Branches Mfg. Berlin Vienna etc

~~Manufacture~~ to Acquire the rights of trade of T A Edison Chas Batchelor & Jos Adams in various foreign patents already granted & to be granted for the Electric Pen & Duplicating press, by a royalty Contract ~~annual~~ upon the same terms as that granted to the Western E. Mfg Co of Chicago for the US & Canada & and to sell in & establish agents & sell in all parts of the world, the said apparatus ~~[illegible]~~

~~[illegible]~~

The Incorporators to be A. Shepard, G. H. Blair, Wm Orton, G B Prescott, Thos Orton, Cornelius Livingston, only sufficient money say $3000 to be paid in to send Man to Paris, Vienna offices & Enter into Contract in Paris & Vienna for the manufacture of the apparatus, ~~and a Man & offices~~ and the foreign trade in South America etc to be worked from

Nipsk affairs. By an arrangement with the
W.E. Mfg. Co =

It is the Belief of Edison that if so, per month can be sold in the US Every month, without any effort in the way of advertising or establishing agencies, that at least 200 per month ought to be sold in all other Countries, Especially as the apparatus is a necessity in Every Commercial Country is adapted to duplicate matter written in Every language which estimate is strengthened by the fact that over 200 have been sold in foreign Countries already and without any advertising in such Countries the sales being made with some respondence to persons visiting in the US, Within the last 2 months the agency has been established in Cuba we have already sent — presses thereto & have orders for — more = two weeks ago we need a gold draft of — £ from a person in Dunedin — New Zealand ordering 1 dozen presses - whose letter was opened = We have sent to the Spanish post —

we have sold rights to nearly all the foreign Comm at the Centennial Exposition. two have gone to Lapland 1 to Hungary. 1 to Norway: several to ~~Canada~~ Holland. The Patent for England has been sold to John Robt Breckon of Sunderland England for $15,000, which was paid in cash and he has assigned the same to the Electric Writing Co of London who have offices at No. 9. New Broad and are doing well, as the Advertisements I send in the Telegraphic Journal & is here annexed = ~~One of the~~ The reason why I wish to put this apparatus on a royalty & in this shape is, that under the French & Austrian Law. the machines must be made in those Countries, and before Oct 1877. and I cannot possibly go there or spare enough funds to establish agencies in the various Countries as they should be =

Cypher.

"Edison New York"

| | | |
|---|---|---|
| Send 5 pens & presses complete weekly. | | Five |
| Send 8 " | " " " | Eight |
| Send 10 " | " " " | Ten |
| Send 15 " | & do on " " | Fifteen |

| | | |
|---|---|---|
| Send 5 pens & pieces comp without Guillotine | | Finger |
| " 10 | " | Tender |
| " 15 | " | Finland |
| " 20 | " | Trenton |

| | | |
|---|---|---|
| Send Ten | pens only per week nothing else. | Pensive |
| " 15 | " " | Boston |
| " 20 | " | Cardiff |
| 25 | " | Detroit |
| 30. | | Chicago |
| 35. | | Toledo |

Cypher.

Michael Cypher

[illegible]

[illegible] pendulum

[illegible]

Inventor, [illegible] first train with

pendulum [illegible] and small steel

[illegible] in the box.

E. T. Gilliland

---

~~E. T.~~ pendulum rod ~~axe~~ and small steel strip ~~[illegible]~~ ~~[illegible]~~ ~~the~~ in the box, eg,

E. T. Gilliland

1877
2. Pen

Mr Alberger.

✓ 1 Wire

✓ 1 Pen Holder.

---

Mr Meeker.

✓ 6 Pens & Wires

✓ 6 extra Wires.

✓ 1 Roller

✓ 1 Blk Ink.

✓ 1 Purple do -

Magnifying Glass

---

Mr T. H. M. Philadelphia

1 Bot. Blk. Ink -
Sent from Newark
by Adams Exp.

Mr Offord.

~~The 2 Batteries~~ refused

2 ⅛ extra Wires.

5 pr. " Pliers -

~~2 bot. Blk. Ink~~ -

5 empty Mucilage Bottles -

1 good Board - ✓

5 Blk -

5 Purple -

Specimens accepted by the Stationers' Pen

# THE Cyclostyle Duplicating Apparatus

(GESTETNER'S PATENT.)

## 2,000 FACSIMILE COPIES IN INDELIBLE BLACK INK OF ANY CIRCULAR, WRITING, DRAWING OR MUSIC.

**NO WASHING—NO DAMPENING—NO ELECTRICITY—NO CHEMICALS—NO ANILINE.**

***SIMPLE—RAPID—CLEANLY—DURABLE and more ECONOMICAL in use***

THAN ANY OTHER PROCESS.

*Figure 1.*

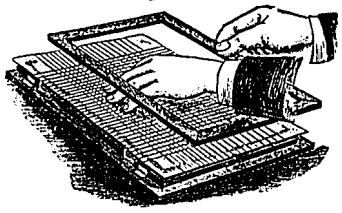


*Figure 2.*

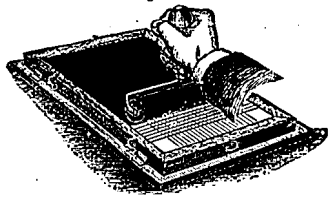


*Figure 3.*

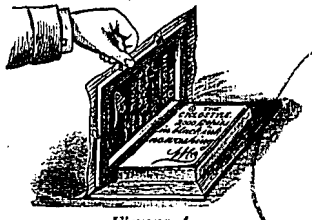


*Figure 4.*

*These few words are a facsimile of work produced by this process.*

**The advantages claimed for the CYCLOSTYLE over other processes are as follows:**

***1st. Superiority of Work.***—The copies being in black ink and the characteristics of the handwriting preserved, a circular printed by this process has all the appearance of a written letter.

***2nd. Number and Uniformity of Copies.***—Equally suitable where ten copies or two thousand are required. The 1,000th copy cannot be distinguished from the first.

***3rd. Extreme Simplicity and Durability.***—Anyone who can write with an ordinary pencil, can write with the CYCLOSTYLE PEN. Any boy can take the copies. No complicated mechanism to get out of order.

***4th. Economy in Use.***—THE CYCLOSTYLE costs less to maintain than any other process (*about half the price of Gelatine process*). Sufficient supply goes with an outfit to last for six months (using, say once a week) and afterwards, a further six months supply only costs $1.30 for Cap Size, and 90c. for Note Size.

***5th. Rapidity.***—The original may be written as fast as one can write wi' pencil (*no thick ink to struggle with*) and immediately after the writing is fin' duplicating may be commenced. One roll with inked roller gives a impression. Copies can be taken at the rate of 600 per hour easily. A n may be written and 200 copies taken in half an hour.

***6th. Additional Copies.***—Original may be left for any length further copies taken when required.

***7th. Any error may be rectified*** by simply rubbing words t with the thumb nail, and then writing any other word or words in substitution.

**HAS NONE OF THE DISADVANTAGES OF OTHER PROCESSES, Such as**

**Washing—melting—refilling—copies curling—feeling sticky—gradually getting indistinct.**

**Batteries to keep in order—laborious writing—complicated mechanism.**

**Soaking—copying press—chemicals—finger staining—fading—blurring.**

***THE PROCESS*** is simply as follows: A sheet of the prepared CYCLOSTYLE Paper is fixed n printing frame, as shown in figure 1. The circular is then written on this sheet of paper with th CYCLOSTYLE Pen, which consists of a wooden holder at the end of which is fixed on a pivot, a minute iridium wheel which revolves in the direction of the writing and perforates the CYCLOSTYLE Paper, making a perfect stencil composed of minute dots so close together as to appear a continuous line.

*In writing, you write freely and naturally, and the Pen is as easy to write with as an ordinary pencil.* The printing frame with stencil is now lifted, a sheet of *ordinary paper* placed under stencil, an inked roller passed over and a perfect copy obtained, as shown in figures 3 and 4.

## PRICE LIST

**Outfit Complete in Polished Black Walnut Case. Containing Black Walnut Printing Frame, 24 Sheets Cyclostyle Paper, Cyclostyle Roller, Ink and Pen, and full Instructions for use.**

**Paper to replace used supply.**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| No. 1. | Note Size, | to print | 8½ x 6— | $10.50 | $ .60 | per quire. |
| No. 2. | Legal Cap Size, | " | 14 x 9— | 12.00 | 1.00 | " |
| No. 3. | Folio Size, | " | 16 x 11— | 16.00 | 1.40 | " |
| No. 4. | Dbl. Cap Size, | " | 17½ x 14— | 18.00 | 1.75 | " |

**Larger and special sizes to order.**

The above paper is for writing the original on, any ordinary paper may be used for the copies.

THE No. 2 Legal cap, is a very convenient size. It will print anything from a postal card to a sheet of full Legal cap. The part of paper not used may be used at any future time. A small roller at $1 is a useful addition where many small circulars are required.

**INK.** Black Ink, 60c. per bottle, $2 per lb. COLORED INKS. Red, Blue, Violet or Copyable Inks, $1 per small bottle.

## 1877. Employment (D-77-012)

Correspondence.

All selected.

Jas Neale
Jan 16 1877

can refer you to Jas. N. Seymour
Firm of Seymour & Whitlock
Newark i have done considerable
work for him when he was in the
gun business in Trenton. as
superintendent in fact i was
next to him in charge

New York
Jan 16th 76

Dear Sir

Hearing that you
were about starting a new
factory in telegraph instrument
making i thought i would drop
you a line to see if you might
want a person like me in
doing your work, i have been
on interchangeable work over
20 years in gun & pistol work
in such places as Colts, Sharps
Winchesters and several
other large factories am well
posted in make tools, fixtures
& for light work and produce
ing the same can give best of
reference

Yours &c
Jas. Neale

15 Lewis St
N York

W. N. Potter. H. F. Nash.

OFFICE OF

# POTTER & NASH,

COMMISSION MERCHANTS,

AND DEALERS IN FLOUR, GRAIN AND FEED.

Greenfield, Mass., Aug 20th 1877

T A Edison

Dr Sir

Can you assist me in any way to obtain some good situation where I can find opportunity to experiment & help others at the same time? Are you doing anything with your Telephone & can I be of any use to you in any way? I am at present working for the A & P & the prospects are anything but encouraging for the future, If you can offer me something with you, I would like to accept it at any time, I am pretty well posted on things in general, but of course there is a great deal to be found out in experiment & a person ideas are of small value if he has no chance to try them.

Yours Respy

C R Richards

A & P Rel Co

Greenfield Mass

Geo Jackson

See Time Sheets June 14 - Dec.

Newark N.J.
33 Ward St
Dec 20th 77

Dear Sir
For the present I am compelled to decline your offer of a situation. But on some future occasion shall be most happy to serve you.
Your very Obedient
Geo Jackson

## 1877. Exhibitions (D-77-013)

Correspondence.

All selected.

m/87

46th
GRAND NATIONAL EXHIBITION
OF THE
# American Institute of the City of New York,

EXHIBITION BUILDINGS
ON SQUARE BOUNDED BY
2d & 3d Aves. & 63d & 64th Sts.
NEW YORK.

*Office of the General Superintendent,*

New York, Aug. 9. 1877.

T. A. Edison Esq.
Cam W. U. Tel. Co. City - Referred to Wm Orton
Dear Sir.

I am informed that you have invented a new telephone - and write to suggest to you the propriety of your making an exhibition of it this fall.

We shall have one other - and would be greatly pleased to have yours as well - Would call at any time & place you may name.

Very truly &c.
Chas. Wager Hull
Genl Supt

✓

Chas. M. Hull
Civil Engr.
American Inst.
Aug. 9th 1877.

Suggesting to place Telephone in Exhibition at American Institute this Fall.

T. A. Edison, Esq.
Mr. Olson requests me to refer this to you with statement that it has his approval.
Very respy
F. A. Brewer
Aug 9th

American Institute
Sep 10, 1877

Office of the Secretary of the Board of Managers,
45th Annual Exhibition,
American Institute.

New York, Sept. 10th 1877

Mr Edison
Dear Sir
Last season you honored the Polytechnic Association with an exhibition of the wonders of the telephone, and the reputation since accorded to you as a genius and a progressive philosopher, has created a strong desire to have you again appear before the members with the improvements and suggestions which are heralded in this country and Europe, the results of subsequent investigations — (over)

Fix upon any Thursday evening in October you may select, which will give us an opportunity of arranging for the particular night you may select. If you could give us seasonably the title of the lecture or exhibition of apparatus, it would greatly accommodate the public.

Very respectfully Yours,

S. T. Smith

Chairman.

No 22. Cooper Union

1776—International Exhibition, Philadelphia.—1876

CENTENNIAL BOARD OF FINANCE,

*No. 903 Walnut Street.*

Philadelphia, 9/11 1877.

T. A. Edison Esq

Menlo Park N.J.

*Dear Sir:*

*You are entitled in the distribution of the assets of this "Centennial Board of Finance," to receive, on* 2 *shares, the declared division of $1.75 per share,* - - - $3.50

*and interest to January 1, 1876,* - - - -

*Total,* $3.50

By signing and returning to me the receipt at the bottom of this sheet, you will receive in return a check for the amount.

Respectfully,

FRED. FRALEY,

*Sec'y and Treas.*

---

1776—International Exhibition, Philadelphia.—1876

CENTENNIAL BOARD OF FINANCE,

*No. 903 WALNUT STREET.*

Philadelphia, Sept 17 1877.

Thomas A. Edison

Menlo Park N.J.

*Dear Sir:*

*I enclose my Check No.* 673 *on*

The Fidelity Insurance, Trust & Safe Deposit Co.,

OF PHILADELPHIA,

*for* $3.50 *in payment for your proportion of the distribution of the assets of this Board.*

*Receipt for which has been received from you.*

*Respectfully,*

[illegible]

*Auditor*

## 1877. George Place Machinery Agency (D-77-014)

Correspondence; memorandum by Edison.

All selected.

ESTABLISHED 1855.

OFFICE OF

# The George Place

## MACHINERY AGENCY.

121 CHAMBERS & 103 READE STREETS.

ts' Tools

VERY

TION.

—PATENT—

Cold Rolled Shafting,

Couplings, Pulleys,

SELF OILING HANGERS

Tanite Emery Wheels & Mach'y.

Belting, &c.

P. O. Box 4499.

New York, Aug 4 1887

Mr Thos A Edison
Menlo Park N.J.

Dear Sir

The only interesting part about the Face Milling Machine is that we have a claim against it for missing parts on the other four Machines and as these have which did not come with the other Machines & for which you have had since invoice, we had hoped to sell the Face Miller after taking out what was due & remit the balance to you but the Face Miller is still on

ESTABLISHED 1855.

OFFICE OF

# The George Place

## MACHINERY AGENCY.

121 CHAMBERS & 103 READE STREETS.

ts' Tools

VERY

TION.

—PATENT—

Cold Rolled Shafting,

Couplings, Pulleys,

SELF OILING HANGERS

Tanite Emery Wheels & Mach'y.

Belting, &c.

P. O. Box 4499.

New York, _____ 187

hand we are sorry to say is likely to remain on hand for some time unless there is a very marked improvement in trade.

In reference to the 100000 worth of Stolen Machy you have for sale I think it just possible a party will run out & examine it on Monday morning & if you are not as unreasonable as to price as you were on the Milling Machs we may make a trade. Yours Truly

THE GEORGE PLACE MACHINERY AGENCY.

Per Tyson

Machinists' Tools
AND
**MACHINERY**
OF EVERY DESCRIPTION.
—PATENT—
*Cold Rolled Shafting,*
**Couplings, Pulleys,**
***SELF OILING HANGERS***
Thistle Emery Wheels & Mach'y.
Belting, &c.
P. O. Box 4499.

ESTABLISHED 1856.

*OFFICE OF*

# The George Place
## MACHINERY AGENCY.

121 CHAMBERS & 103 READE STREETS.

New York, Aug 8th 1887

Mr Thos A Edison
Menlo Park N.J.

Dear Sir

I have a party who will undoubtedly take the 3 Spindle Smith & Garrow Drill Mr Shaver of the Co sent it & I have promised he shall send him in the store on Saturday morning will you please try & ship it here to-morrow & make up a load you might send the small size Pratt & Whitney lathe with it

Yours Truly

THE GEORGE PLACE MACHINERY AGENCY.
Per Levon

*Machinery, Cold Rolled Shafting, &c., 121 Chambers St.*

New York, Aug 8 1887

Dear Sir

In sending the Blaisdell Lathe send the Chuck with it, if you have no other use for it & ship

*Respectfully yours,*
THE GEORGE PLACE MACHINERY AGENCY.

Machinists' Tools
AND
**MACHINERY**
OF EVERY DESCRIPTION.
—AGENT—
*Cold Rolled Shafting,*
**Couplings, Pulleys,**
***SELF OILING HANGERS***
Vanilie Emery Wheels & Mach'y.
Belting, &c.
P. O. Box 4498.

ESTABLISHED 1855.

*OFFICE OF*

# The George Place

**MACHINERY AGENCY.**

121 CHAMBERS & 103 READE STREETS.

New York, Aug 10 1887

Mr Thomas A Edison
Menlo Park N.J.

Dear Sir

You will remember you referred to a lot of milling cutters you had, a party has been in just now who wants a lot of straight & spiral cutters 2½" dia 3" long about 1" hole please send us by express a sample cutter & also state price say for 30 or 40 of them & oblige

Yours Truly

THE GEORGE PLACE MACHINERY AGENCY.
Per Swan

Machinists' Tools
AND
**MACHINERY**
OF EVERY DESCRIPTION.
—AGENT—
*Cold Rolled Shafting,*
**Couplings, Pulleys,**
***SELF OILING HANGERS***
Vanilie Emery Wheels & Mach'y.
Belting, &c.
P. O. Box 4498.

ESTABLISHED 1855.

*OFFICE OF*

# The George Place

**MACHINERY AGENCY.**

121 CHAMBERS & 103 READE STREETS.

New York, Aug 10 1887

Mr Thos A Edison
Menlo Park N.J.

Dear Sir

The party wanting the 3 spiral mills & learn Drill has agreed to take it conditionally upon its passing inspection, if you have not shipped it already please do so at once, as soon as the party sees it accepts it which no doubt he will do will send you check for it.

Yours Truly

THE GEORGE PLACE MACHINERY AGENCY.
Per Swan

Machinists' Tools
AND
**MACHINERY**
OF EVERY DESCRIPTION.
—AGENT—
*Cold Rolled Shafting,*
**Couplings, Pulleys,**
***SELF OILING BEARGES***
Turn'n Emery Wheels & Mach'y.
Belting, &c.
P. O. Box 1160

ESTABLISHED 1855.

*OFFICE OF*

# The George Place
## MACHINERY AGENCY.

121 CHAMBERS & 103 READE STREETS.

New York Aug 14 1887

Mr Thos A Edison
Menlo Park N.J.

Dear Sir
Shall you commence shifting in the Shop, we have had some having a good many inquiries & it would be well to have the shop here as early as possible. Let me know & oblige

Yours Truly

THE GEORGE PLACE MACHINERY AGENCY.
Per

---

Machinery, Cold Rolled Shafting, &c., 121 Chambers St.,

Dear Sir: New York, Aug 18 1887

Can you advert the Drill press here this week but if you will get it here the first of next week, it will answer.

Respectfully yours,
THE GEORGE PLACE MACHINERY AGENCY.

Machinists' Tools
AND
**MACHINERY**
OF EVERY DESCRIPTION.
—PATENT—
*Cold Rolled Shafting,*
**Couplings, Pulleys,**
***SELF OILING HANGERS***
Vanitie Emery Wheels & Mach'y.
Belting, &c.
P. O. Box 4499.

ESTABLISHED 1855.
*OFFICE OF*
# The George Place
**MACHINERY AGENCY.**
121 CHAMBERS & 103 READE STREETS.

New York, Aug 28 1877

Thos A Edison
Menlo Park N.J.

Dear Sir

The Iron Spindle Drill has arrived in good shape, we are very much disappointed at the non arrival of the balance of the Machy, especially the Lathes, as a party has been in my office in want of a number of them however he has promised not to buy until he hears from us so we trust the Machy will all be here this week, let us know by return mail oblige

Yours Truly

THE GEORGE PLACE MACHINERY AGENCY.
Per

N.B. as it probably costs you nothing to use the wire kindly you telegraph us on receipt of this so to advise what day we may expect the Machy.

Machinists' Tools
AND
**MACHINERY**
OF EVERY DESCRIPTION.
—PATENT—
*Cold Rolled Shafting,*
**Couplings, Pulleys,**
***SELF OILING HANGERS***
Vanitie Emery Wheels & Mach'y.
Belting, &c.
P. O. Box 4499.

ESTABLISHED 1855.
*OFFICE OF*
# The George Place
**MACHINERY AGENCY.**
121 CHAMBERS & 103 READE STREETS.

New York, _____ 187

Blank No. 1.

# THE WESTERN UNION TELEGRAPH COMPANY.

The rules of this Company require that all messages received for transmission, shall be written on the Blankes Blank of the Company, fair and subject to the conditions printed thereon, which conditions are then agreed to for the sender of the following message.

WILLIAM ORTON, Pres't. / A. B. BREWER, Sec'y. } New York

Dated New York Aug 22d 1877

Received at Menlo Park

To Thos A. Edison

Have sold the Drill Press also one Flattening hand lathe, Ship hand lathe at once also State by telegraph when the whole of the Machinery will be here —

Chas George Race
Machinery Agency

$8 Paid

3 Lathes
1 Screw machine

Machinists' Tools
AND
**MACHINERY**
OF EVERY DESCRIPTION.
—PATENT—
*Cold Rolled Shafting,*
**Couplings, Pulleys,**
***SELF OILING HANGERS***
Tanite Emery Wheels & Mach'y.
Belting, &c.
P. O. Box 4499.

ESTABLISHED 1855.
*OFFICE OF*
# The George Place
## MACHINERY AGENCY.
121 CHAMBERS & 103 READE STREETS.

New York, Aug 23rd 1877

Wm Thos A Edison
Menlo Park N.J.

Dear Sir

Enclosed please find our check for $90.[illegible] in settlement for the Drill press was sold for $105, the freight charge we have charged you 9c which we have deducted it from above amt, in making final settlement we will deduct freight.

We have missed several opportunities of selling the Lathe which some of the other tools on account of not having them here, we have written you & telegraphed you

Machinists' Tools
AND
**MACHINERY**
OF EVERY DESCRIPTION.
—PATENT—
*Cold Rolled Shafting,*
**Couplings, Pulleys,**
***SELF OILING HANGERS***
Tanite Emery Wheels & Mach'y.
Belting, &c.
P. O. Box 4499.

ESTABLISHED 1855.
*OFFICE OF*
# The George Place
## MACHINERY AGENCY.
121 CHAMBERS & 103 READE STREETS.

New York, _____ 187

but to no purpose will you please explain by telegraph on receipt of this what is the matter & oblige

Yours truly

THE GEORGE PLACE MACHINERY AGENCY.
Per Lyon

Machinists' Tools
AND
**MACHINERY**
OF EVERY DESCRIPTION.
—PATENT—
*Cold Rolled Shafting,*
**Couplings, Pulleys,**
***SELF OILING HANGERS***
Patent Emery Wheels & March'y.
Belting, &c.
P. O. Box 4499.

ESTABLISHED 1855.
*OFFICE OF*
# The George Place
**MACHINERY AGENCY.**
121 CHAMBERS & 103 READE STREETS.

*New York, Aug 28 1877*

Thos A Edison
Menlo Park N.J.

Dear Sir
You wrote us some days ago that you had shipped us one Screw Plate & 3 Hand lathes we have had no notification yet from the R.R. & of course must think something has prevented your shipping them now I am expecting a party on that Thursday and will want some nutting tools if yours are here I think we might

Machinists' Tools
AND
**MACHINERY**
OF EVERY DESCRIPTION.
—PATENT—
*Cold Rolled Shafting,*
**Couplings, Pulleys,**
***SELF OILING HANGERS***
Patent Emery Wheels & March'y.
Belting, &c.
P. O. Box 4499.

ESTABLISHED 1855.
*OFFICE OF*
# The George Place
**MACHINERY AGENCY.**
121 CHAMBERS & 103 READE STREETS.

*New York, 187*

dispose of them, will you please inform us by telegraph just what you expect to get off this week so that if we have inquiries we will know just what to say to our customers we could have sold several of the tools had they been here & we wish you will not delay shipping them any longer.

Yours Truly

THE GEORGE PLACE MACHINERY AGENCY.
Per *Lewis*

Machinists' Tools
AND
**MACHINERY**
OF EVERY DESCRIPTION.
—AGENT—
*Cold Rolled Shafting,*
**Couplings, Pulleys,**
***SELF OILING HANGERS***
Tanite Emery Wheels & Mach'y.
Belting, &c.
P. O. Box 4499.

ESTABLISHED 1855.
*OFFICE OF*
# The George Place
**MACHINERY AGENCY.**
121 CHAMBERS & 103 READE STREETS.

New York, Sept 4 1887

Thos A Edison Esq
Menlo Park N.J.

Dear Sir

I am getting up a list of tools on hand for sale to be printed & I should like to manufacture generally it would greatly benefit all parties concerned if we had your machinery now in store it would greatly facilitate matters, Can you not manage to get the balance shipped this week, let us know oblige

Yours Truly

THE GEORGE PLACE MACHINERY AGENCY.
Per

Machinists' Tools
AND
**MACHINERY**
OF EVERY DESCRIPTION.
—PATENT—
*Cold Rolled Shafting,*
**Couplings, Pulleys,**
***SELF OILING HANGERS***
Textile Emery Wheels & Mach'y.
Belting, &c.
P. O. Box 4499.

ESTABLISHED 1855.

*OFFICE OF*

# The George Place

**MACHINERY AGENCY.**

121 CHAMBERS & 103 READE STREETS.

New York, Sept 6 1877

Mr Thos A Edison
Menlo Park N.J.

Dear Sir

A Party from the West has just been in looking for a Punching Press about the size of the Stile Press you have, had it been there or have no doubt but that we should have closed with him, however he is going to be in town for a few days & has promised not to buy until we can get your press in town provided it is here by

Machinists' Tools
AND
**MACHINERY**
OF EVERY DESCRIPTION.
—PATENT—
*Cold Rolled Shafting,*
**Couplings, Pulleys,**
***SELF OILING HANGERS***
Textile Emery Wheels & Mach'y.
Belting, &c.
P. O. Box 4499.

ESTABLISHED 1855.

*OFFICE OF*

# The George Place

**MACHINERY AGENCY.**

121 CHAMBERS & 103 READE STREETS.

New York, _____ 187

Monday morning next can you not ship it to morrow morning if you can so we will have it in the store Saturday & clean it up then it ready for showing up on Monday a signed telegraph us on receipt of this notice we may expect & also state cause of delay in shipping balance of Machy.

Yours Truly

THE GEORGE PLACE MACHINERY AGENCY.

Per. _____

Machinists' Tools
AND
**MACHINERY**
OF EVERY DESCRIPTION.
—PATENT—
*Cold Rolled Shafting,*
**Couplings, Pulleys,**
***SELF OILING HANGERS'***
Tanite Emery Wheels & Hatch'y.
Belting, &c.

P. O. Box 4499.

ESTABLISHED 1866.

*OFFICE OF*

# The George Place

**MACHINERY AGENCY,**

121 CHAMBERS & 183 READE STREETS.

*New York, Sept 17th 1877*

Mr Thos A Edison
Menlo Park N.J.

Dear Sir

Yours of yesterday
hand therein you state you
expect soon to ship the
stock lot of the tools but
do not state about what
time, this I wish you would
do, so that we can intelligently
sell any of the tools by
giving description of them I
can know as to the time I
can promise delivery please
give me this information by return
mail oblige yours truly

THE GEORGE PLACE MACHINERY AGENCY.
Per Sivon

In the meantime send me a complete list of all the tools giving size &c so that I can put them in the circular I propose issuing.

The hen just finished cleaning up the tools you sent me. I have never had any acknowledgment of the check for Drill Press from you.

Yours, E. D. Hall

Feb 7 1879

Machinists' Tools
AND
**MACHINERY**
OF EVERY DESCRIPTION.
—ALSO—
*Cold Rolled Shafting,*
**Couplings, Pulleys,**
***SELF OILING HANGERS***
Tanite Emery Wheels & Mach'y.
Belting, &c.
P. O. Box 4499.

ESTABLISHED 1855.
*OFFICE OF*
# The George Place
**MACHINERY AGENCY.**
121 CHAMBERS & 103 READE STREETS.

New York, Sept 15th 1877

Mr Thos A Edison
Menlo Park N.J.

Dear Sir
Have sold the No 3 Silk Press & have promised immediate shipment but you will ship the balance of the stock store, if you are enable to devote the time to getting it off yourself, the writer will go to you place sent to the shipment.

Will you please stop at the store when you are in the city the next time, the

Machinists' Tools
AND
**MACHINERY**
OF EVERY DESCRIPTION.
—ALSO—
*Cold Rolled Shafting,*
**Couplings, Pulleys,**
***SELF OILING HANGERS***
Tanite Emery Wheels & Mach'y.
Belting, &c.
P. O. Box 4499.

ESTABLISHED 1855.
*OFFICE OF*
# The George Place
**MACHINERY AGENCY.**
121 CHAMBERS & 103 READE STREETS.

New York, _____ 187

write would like to see you.

Yours truly

THE GEORGE PLACE MACHINERY AGENCY.
Per Lyon.

Machinists' Tools
AND
**MACHINERY**
OF EVERY DESCRIPTION.
—PATENT—
*Cold Rolled Shafting,*
**Couplings, Pulleys,**
***SELF OILING HANGERS***
Vanite Emery Wheels & Mach'y.
Belting, &c.
P. O. Box 4499.

ESTABLISHED 1855.
*OFFICE OF*
# The George Place
**MACHINERY AGENCY.**
121 CHAMBERS & 103 READE STREETS.

New York, Sept 15th 1887

Mr Thos A Edison
Menlo Park N.J.

Dear Sir
Have sold the
N.B. Stile Press Saw
promised immediate shipment
but you will find
the balance of the stock
store, if you can enable
to devote the time to getting it
off yourself, the write will
be to you please see to the
shipment.
Will you please stop
at the store when you are
in the city the next time, the

Machinists' Tools
AND
**MACHINERY**
OF EVERY DESCRIPTION.
—PATENT—
*Cold Rolled Shafting,*
**Couplings, Pulleys,**
***SELF OILING HANGERS***
Vanite Emery Wheels & Mach'y.
Belting, &c.
P. O. Box 4499.

ESTABLISHED 1855.
*OFFICE OF*
# The George Place
**MACHINERY AGENCY.**
121 CHAMBERS & 103 READE STREETS.

New York, _____ 187

write more when I see you.

Yours truly

THE GEORGE PLACE MACHINERY AGENCY.
Per Lion.

Machinery, Cold Rolled Shafting, &c., 121 Chambers St.,

New York, Sept 11 1887

Dear Sir

You promised faithfully to ship us a lot of the Thirty the latter part of last week, orders in the hand.

Respectfully yours,
THE GEORGE PLACE MACHINERY AGENCY.

---

Machinists' Tools
AND
**MACHINERY**
OF EVERY DESCRIPTION.
—ALSO—
*Cold Rolled Shafting,*
**Couplings, Pulleys,**
***SELF OILING HANGERS***
Tanite Emery Wheels & Mach'y.
Belting, &c.
P. O. Box 4499.

ESTABLISHED 1855.
*OFFICE OF*
# The George Place
## MACHINERY AGENCY.
121 CHAMBERS & 103 READE STREETS.

New York, Sept 22 1887

Mr Thos A Edison
Menlo Park N.J.

Dear Sir

Mr Paul Brunt or the writer will call on you at Menlo Park on Friday if you will be at home, in case you do not expect to be at home on that day please telegraph us to that effect on Monday also state what day you will be there & oblige

Yours Truly

THE GEORGE PLACE MACHINERY AGENCY.
Per. Lisen

Machinists' Tools
AND
**MACHINERY**
OF EVERY DESCRIPTION.
—PATENT—
*Cold Rolled Shafting,*
**Couplings, Pulleys,**
***SELF OILING HANGERS***
Textile Emery Wheels & Mach'y.
Belting, &c.
P. O. Box 4499.

ESTABLISHED 1855.
*OFFICE OF*
# The George Place
**MACHINERY AGENCY.**
121 CHAMBERS & 103 READE STREETS.

New York, Sept 27 1887

Mr Thos A Edison
Menlo Park N.J.

Dear Sir

Judging from what I heard when at your place on Tuesday of this week that you are too busy to get off the Mchy I would suggest that if you send one of your men out to your place to see to the proper skidding & shipping of the Mchy, we have had quite a number of opportunities of disposing of several of the tools out there had they been here as

Machinists' Tools
AND
**MACHINERY**
OF EVERY DESCRIPTION.
—PATENT—
*Cold Rolled Shafting,*
**Couplings, Pulleys,**
***SELF OILING HANGERS***
Textile Emery Wheels & Mach'y.
Belting, &c.
P. O. Box 4499.

ESTABLISHED 1855.
*OFFICE OF*
The George Place
MACHINERY AGENCY.
121 CHAMBERS & 103 READE STREETS.

New York, _____ 187

that parties could have seen & examined them, let me know by return mail what day we shall send the man to ship

Yours truly

THE GEORGE PLACE MACHINERY AGENCY.
Per Geo

NB. Please answer this letter promptly & fully

Machinists' Tools
AND
**MACHINERY**
OF EVERY DESCRIPTION.
—SUCH—
*Cold Rolled Shafting,*
**Couplings, Pulleys,**
***SELF OILING HANGERS***
Tumbs Emery Wheels & Mach'y.
Belting, &c.
P. O. Box 4499.

ESTABLISHED 1855.
*OFFICE OF*
# The George Place
## MACHINERY AGENCY.
121 CHAMBERS & 103 READE STREETS.

*New York, Sept 1st 1887*

Mr Thos A Edison
Menlo Park N.J.

Dear Sir
We have on hand consigned
by you for the sold on
your a/c the following tools
3 Hand lathes
2 Belden screw Machs
We have these for sold
for you
One 4 Spindle drill
One No 3 Stile Press
Yours Truly
THE GEORGE PLACE MACHINERY AGENCY.
Per Simon

Mr Tom Brown has the Waltz Machs on hand still & I think would sell it for you or trade on some thing.

Machinists' Tools
AND
**MACHINERY**
OF EVERY DESCRIPTION.
—PATENT—
*Cold Rolled Shafting,*
**Couplings, Pulleys,**
***SELF OILING HANGERS***
Textile Emery Wheels & Mach'y.
Belting, &c.
P. O. Box 4499.

ESTABLISHED 1855.
*OFFICE OF*
# The George Place
**MACHINERY AGENCY.**
121 CHAMBERS & 103 READE STREETS.

New York, Oct 12 1887

Mr Chas A Edwards
Menlo Park N.J.

Dear Sir We have this for second
the following
54 pulleys
Lot of Shafting pulleys & shafts
1 Brainard Milling Mch nice,
Centers & C Shaft broken
Pro Fitchburg Hand lathe
Pro Manhattan Milling Mch
One Screw Slotter
Pro No 2 Pratt & Whitney Screw Mch
One do do do do
One No 1 Pratt & Whitney Screw Mch
Pro Nashburn Hand lathe

Machinists' Tools
AND
**MACHINERY**
OF EVERY DESCRIPTION.
—PATENT—
*Cold Rolled Shafting,*
**Couplings, Pulleys,**
***SELF OILING HANGERS***
Textile Emery Wheels & Mach'y.
Belting, &c.
P. O. Box 4499.

ESTABLISHED 1855.
*OFFICE OF*
# The George Place
**MACHINERY AGENCY.**
121 CHAMBERS & 103 READE STREETS.

New York, _____ 187

Pro Fitchburg Hand lathe
One do do
Pro Small grinder
One Large grinder.
In addition to the above
we second
One 4 Spindle Drill
Pro No 3 Stiles Press
both of which are sold &
we are expecting remittance for
the Press at any moment.
There also one more
Nashburn lathe second not
mentioned in above list, we
second of these lathes we find
the nuts missing, we think it

Machinists' Tools
AND
**MACHINERY**
OF EVERY DESCRIPTION.
—SUITED—
*Cold Rolled Shafting,*
**Couplings, Pulleys,**
***SELF OILING HANGERS***
Tanite Emery Wheels & Mach'y.
Belting, &c.
P. O. Box 4499.

ESTABLISHED 1855.

*OFFICE OF*

# The George Place
## MACHINERY AGENCY.

121 CHAMBERS & 103 READE STREETS.

New York, _____ 187

decidedly necessary to have them sent the only complete shall we get those missing parts or will you, we also understand there are parts of the Lathe which you are holding back, it is necessary in order to sell them to show them complete please forward those parts at once or oblige

John Daly

THE GEORGE PLACE MACHINERY AGENCY.

Per

Machinists' Tools
AND
**MACHINERY**
OF EVERY DESCRIPTION.
—PATENT—
*Cold Rolled Shafting,*
**Couplings, Pulleys,**
***SELF OILING HANGERS***
Tanite Emery Wheels & Mach'y.
Belting, &c.
P. O. Box 4499.

ESTABLISHED 1855.
*OFFICE OF*
# The George Place
## MACHINERY AGENCY.
121 CHAMBERS & 103 READE STREETS.

New York, Oct 25 1887

Mr Thos A Edison
Menlo Park N.J.

Dear Sir I find some of your letters you have so kind to us a Lathe & Morse Engine lathe we presume you meant a Wright Rack gear lathe without screw as we have not received this Engine lathe altogether, the Good lathe, the lathe above referred to & the Blaisdell screw cutting lathe, we would like to know what we shall do in regard to the missing parts of the tools as they are certainly not very valuable

Machinists' Tools
AND
**MACHINERY**
OF EVERY DESCRIPTION.
—PATENT—
*Cold Rolled Shafting,*
**Couplings, Pulleys,**
***SELF OILING HANGERS***
Tanite Emery Wheels & Mach'y.
Belting, &c.
P. O. Box 4499.

ESTABLISHED 1855.
*OFFICE OF*
# The George Place
## MACHINERY AGENCY.
121 CHAMBERS & 103 READE STREETS.

New York, 187

incomplete we do not yourself or Mr Batchelor would call on us to arrange about this or if it is not convenient for either of you to come to the city (which we hold first) if you write let me know I will call on you.

Yours truly

THE GEORGE PLACE MACHINERY AGENCY.
Per

Machinists' Tools
AND
**MACHINERY**
OF EVERY DESCRIPTION.
—PATENT—
*Cold Rolled Shafting,*
**Couplings, Pulleys,**
***SELF OILING HANGERS***
Tanite Emery Wheels & Mach'y.
Belting, &c.
P. O. Box 4499.

ESTABLISHED 1855.
*OFFICE OF*
# The George Place
**MACHINERY AGENCY.**
121 CHAMBERS & 103 READE STREETS.

New York, Nov 15th 1877

Mr Thos A Edison
Menlo Park N.J.

Dear Sir
We have an offer of Five hundred dollars for One No 1 Pratt & Whitney Screw Machine & One No 2 P & W Screw Machine, this lifts us 10% commission and with you $450 Cash, this would make a difference of only 25% lift than the prices we agreed upon & on receipt of your acceptance of same and an acceptance of same please reply by telegraph & oblige

Yours Truly

THE GEORGE PLACE MACHINERY AGENCY.

Machinists' Tools
AND
**MACHINERY**
OF EVERY DESCRIPTION.
—PATENT—
*Cold Rolled Shafting,*
**Couplings, Pulleys,**
***SELF OILING HANGERS***
Tanite Emery Wheels & Mach'y.
Belting, &c.
P. O. Box 4499.

ESTABLISHED 1855.
*OFFICE OF*
# The George Place
**MACHINERY AGENCY.**
121 CHAMBERS & 103 READE STREETS.

New York, Nov 20 1877

T. A. Edison Esq

Dear Sir.
The press sale is getting a little over time & because the screw machines are to be paid for on delivery of receipt. Please to send you the proceeds of these sales this week

Yours respectfully
THE GEORGE PLACE MACHINERY AGENCY
C. Frau Brunn

Machinists' Tools
AND
**MACHINERY**
OF EVERY DESCRIPTION.
—PATENT—
*Cold Rolled Shafting,*
**Couplings, Pulleys,**
***SELF OILING HANGERS***
Vanile Emery Wheels & Mach'y.
Belting, &c.
P. O. Box 4499.

ESTABLISHED 1855.
*OFFICE OF*
# The George Place
**MACHINERY AGENCY.**
121 CHAMBERS & 103 READE STREETS.

New York, Jan. 30 1877

Mr T. A. Edison
Menlo Park N. J.

Dear Sir: Enclosed please find our check in fraught of the following &c.

1 Pr. Saws Mch #2 — 270.
1 " " " #1. 180
450
less for Ratchet for Mch — 4
446.

Please acknowledge and oblige

Respy Yours
THE GEORGE PLACE MACHINERY AGENCY.
Fraser

Rec'd Jan 1
(CB)

Machinists' Tools
AND
**MACHINERY**
OF EVERY DESCRIPTION.
—PATENT—
*Cold Rolled Shafting,*
**Couplings, Pulleys,**
***SELF OILING HANGERS***
Vanile Emery Wheels & Mach'y.
Belting, &c.
P. O. Box 4499.

ESTABLISHED 1855.
*OFFICE OF*
# The George Place
**MACHINERY AGENCY.**
121 CHAMBERS & 103 READE STREETS.

New York, Dec 4 1877

Sales for account of Menlo Park N. J.
Mr T. A. Edison in November 1877 —

| | |
|---|---|
| 1 Set 4 Spin Drill | 90. |
| 1 Lathe, Gold Saw Cutting | 40 |
| 1 Index Milling Mch | 112.50 |
| 1 Emery Grinder | 22.50 |
| 1 Pr. 1 Saw Mach. | 180 |
| 1 " 2 " " | 270 |
| | $715. |

Respy Yours
THE GEORGE PLACE MACHINERY AGENCY.
Fraser

We have remitted for $450 of above and will send bal when we receive proceeds of sales
R R M a

Prices of machinery to Geo Place:
who is to net me the prices given

| | | |
|---|---|---|
| Fitchburg Speed Lathes | $45. | |
| G. Washburn Lathes | 35 | |
| P&W Large F.M. | 300 | with tools and fans |
| Belden | 200. | |
| Small P&W F.M. | 250. | with tools |
| Shafting & Pulleys | 4c per lb | |
| Small Emery Wheel & Counter. | 25. | |
| Brainard Miller | 125 | may get 150. |
| Blanedale S.C. Eng. | 175 | |
| Manhattan & Spindle D.P | 100. | |
| Smith & G. 3 " " | 100 | |
| Vices | 2.50 each | |
| 2 Gould Eng Lathes | 50 each | |
| Small punch press & fitted on iron table | $50 | |
| Milling Machine | 150 | |
| Punch Press Stele. | 300 | |
| W&S Eng Lathe | 100. | |

Large Emery Grinder
Shaper —

Send 2 Gritting Lathes & A Power Chamfer. 2 Bolton & 3 s d.p. Brainard Miller
also a Milling Mill

## 1877. Patents (D-77-015)

Correspondence, memoranda, some by Edison; preliminary statement, account, bill, receipts.

Not selected: Edison printed patent, duplicate copies of correspondence.

Lemuel W. Serrell's
OFFICES FOR PROCURING
American & Foreign Patents,
119 & 121 NASSAU STREET,
New-York, Jan'y 29 1878.

(P. O. Box 1689.)

Thos. A. Edison Esq.
Dear Sir.

You have not yet sent me the particulars for the Preliminary statement in reference to case 153, mentioned in mine of 12th inst. This needs attention as the statement must be filed by Feb. 5th.

I want to see you in reference to your transmitter, before it can be finished. It is ready as far as it can be until I have more particulars from you.

Yours truly
Lemuel W. Serrell
Jr. Mastr.

Samuel W. Serrell's
Offices for Procuring
AMERICAN & FOREIGN PATENTS,
119 and 121 NASSAU STREET,
New York, February 15th 1877.

(P. O. Box 4680.)

Thomas A. Edison Esq
Dear Sir

Herewith enclose Mr Ostrom's letter to you with your question thereon and have to say the item of charge $249 covered eighteen ledger charges running from June 24th to Dec. 9th 1876. and only covered charges for time and personal attention in New York and Washington on your Acoustic Telegraph matters and interference. Preparations of preliminary statements consultations with yourself & Messrs Dorsey & Pope and correspondence relative to interference and did not contain anything for Phelps or Wh outside of acoustic. I rescinded this day a check covering amount said bill, but send this information in reply to Mr Ostrom's inquiry. Hope these explanations will be satisfactory.

Yours truly
Samuel W. Serrell
S. Serrell

(Feb. 1877)

Wm Orton Esq

Dear Sir.

Your communication dated Feby 10th 1877. asking my opinion as to the reasonableness of a certain charge of $249. forming part of a bill presented to the A. made by L. W. Serrell, for services rendered, is received. In reply I beg to state that I think the ~~bill~~ item charge is reasonable for this reason, ~~that from an inspection of the bill I find that he has usual charge for a patent is $75. which includes preparation of the papers and personal attention at Washington. In the itemized bill I see he has charged but 25 for the preparation of the papers, tho the papers were prepared for Porter Lawson & Lane & not in the usual way - and Mr Serrell has not charged in the itemized bill for personal service at Washington. On each patent as he would if it had been prosecuted by him direct, - hence these charges are put in one item,~~

#130. X

N.Y. Feb. 28 1877.

Rec'd. from Thos. A. Edison

One Hundred & thirty Dollars on account of

Bill Feb. 8 1877

Lemuel W. Serrell

Agent

L W Serrell
Mar 29, 1877

# Office for Patents.

119 & 121 NASSAU STREET,

New York, Mch. 29 1877

Dear Sir:

It affords me pleasure to inform you that on Mar. 27, 1877 your application for a Patent on Automatic Telegraphs was duly allowed. Case 107

The Patent will be engrossed for issue on the receipt of TWENTY DOLLARS, the balance of the fee payable thereon, if received within six months.

Yours Truly,

LEMUEL W. SERRELL.

To Thos. A. Edison Esq

# Office for Patents.

119 & 121 NASSAU STREET,

New York, Mar. 29th 1877.

Dear Sir:

It affords me pleasure to inform you that on Mar. 27, 1877 your application for a Patent on Automatic Telegraphe was duly allowed. Case 108

The Patent will be engrossed for issue on the receipt of TWENTY DOLLARS, the balance of the fee payable thereon, if received within six months.

Yours Truly,

LEMUEL W. SERRELL.

To T. A. Edison Esq.

Lemuel W. Serrell's
OFFICES FOR PROCURING
American & Foreign Patents,
119 & 121 NASSAU STREET,

(P. O. Box 4089.) New-York, Apl. 5th 1877.

T. A. Edison Esq.
Dear Sir.

Your French patent on Autographic printing requires the second annuity paid upon it, before May 6, 1877, and the rights under the patent will terminate unless this tax is paid on or before that date.

The amount of this tax including expenses will be $25. please find noted to pay the same should be sent from here by Apl. 15th, in order to be in time.

Please let me know if you desire this attended to.

Yours truly
Lemuel W. Serrell
per Baldwin

Lemuel W. Serrell's
OFFICES FOR PROCURING
American & Foreign Patents,
76 CHAMBERS STREET,

(P. O. Box 4089.) New York, May 24 1877

T. A Edison Esq
Dear Sir

There is a lack of harmony between model and sketches and specification sent on last sextuplex case; can you come up for a few minutes before 4.30

Yours truly
Lemuel W. Serrell

No #

N.Y. May 7 1877

Received of Thos. A. Edison Esq.
Sixty Dollars on account
of Patent Business

Lemuel W. Serrell
Serrell

---

Lemuel W. Serrell's
OFFICES FOR PROCURING
American & Foreign Patents,
76 CHAMBERS STREET.

(P. O. Box 4689.) New York, June 2 1877

Thos. A. Edison Esq.
Dear Sir

In the matter of your application for Patent on Perfd. Ink Addressing Machines No 191. the Patent office in acting upon the case has made reference to the patents of
H. Kundee Dec. 5 1871 No 121634
S. A. Lanford May 19 1857 No 17340
P. O'Connor Apl. 25 1871 No 114032
as anticipating your invention.
I would like to see you at your early convenience regarding this matter

Yours Truly
Lemuel W. Serrell
Serrell

**Lemuel W. Serrell's**

OFFICES FOR PROCURING

**American & Foreign Patents,**

76 CHAMBERS STREET,

(P. O. Box 4689.) New York, June 6th 1877.

Thos. A. Edison Esq.,

Dear Sir,

In the matter of the Interference with E. Gray, on Acoustic Telegraphs, I have received notice from the Patent Office, that the question of priority of invention has been decided in favor of Gray.

Yours truly

Lemuel W. Serrell

per McKney

---

**Lemuel W. Serrell's**

OFFICES FOR PROCURING

**American & Foreign Patents,**

76 CHAMBERS STREET,

(P. O. Box 4689.) New York, June 6 1877

Thos. A. Edison Esq.

Dear Sir

The agreement has been returned from the Patent Office with several corrections, and before the copying of the instrument is completed I would like to see you, and talk the matter over, so as to know if these corrections agree with your approval, or if they have been seen by you.

Yours Truly

Lemuel W. Serrell

Herrell

**Lemuel W. Serrell's**

OFFICES FOR PROCURING

**American & Foreign Patents,**

76 CHAMBERS STREET,

(P. O. Box 4689.) New York, June 7 1877

T. A. Edison Esq.

Dear Sir

Please sign and send back to-morrow to me inclosed blank by which my agent in Paris can obtain permission for introducing your pen, otherwise the rights may be forfeited, as the law does not authorize patented articles to be imported without a permit —

Yours truly

Lemuel W. Serrell

---

**Lemuel W. Serrell's**

OFFICES FOR PROCURING

**American & Foreign Patents,**

76 CHAMBERS STREET,

(P. O. Box 4689.) New York, June 8 1877

I want to see Mr Edison as soon as he comes in town to sign a preliminary statement

L. W. S.

5000

Lemuel W. Serrell's
OFFICES FOR PROCURING
American & Foreign Patents,
76 CHAMBERS STREET,
(P. O. Box 4689.)

New York, June 8th 1877.

Thomas A. Edison Esq.
Dear Sir;

I have been expecting to see you at my office in regard to the agreements with Mr Prescott, and the matter of interference with Stewart on Autographic Pen. but as you have not called I send enclosed herewith draft for your preliminary statement, for your examination, and execution, if it is correct.

Please fill out the blanks in the same and return it to me as soon as possible, as it is due on the 12th of this month.

Yours truly
Lemuel W. Serrell
per Pinchney

[ENCLOSURE]

(1337)

In the matter of Interference
Thomas A Edison
v.
E Stewart
Autographic Pen. —

Preliminary statement of T. A Edison
City and State of New York —

Thomas A Edison being duly sworn deposes and says That previous to filing his caveat No. 68, Sep. 23. 1875 he had made sketches representing the motive power as a revolving wheel connected to the gearing upon the pen. That these sketches were made in the early part of September 1875. That at the time of entering his provisional specification in England in October 1875 he had the features of the present invention clearly in mind: That in one sketch made about that time he has represented clock work in the upper part of the pen actuated by a shaft: That the conception of the invention in question he places on or about, and that since that time he has been engaged in perfecting the details and in the construction of the pens in question with various devices for giving motion to the needle.

That the pen with the revolving

[ENCLOSURE]

shaft and multiplying gearing as in this interference was actually made and used about

Thos A Edison
vs
C Sherard

Motion of machines

L W Serrell
June 12, 1877


**Lemuel W. Serrell's**

OFFICES FOR PROCURING

**American & Foreign Patents,**

76 CHAMBERS STREET,

(P. O. Box 4680.)


New York, June 12 1877

T. A. Edison Esq

Dear Sir

In regard to the patent in German Empire, please let me know what to include therein: It will probably be best for you to select the best of the duplex and quadruplex devices, reject any questionable ones and let me know what your selection is, and the matter will then be put ahead promptly

Yours truly

Lemuel W. Serrell

Lemuel W. Serrell's
OFFICES FOR PROCURING
American & Foreign Patents,
76 CHAMBERS STREET,
(P. O. Box 4689.)

New York, June 20th 1877.

Thos. A. Edison Esq
Dear Sir, —

Your Austrian patent on Duplex & Quad. dated June 28, 1875 will expire unless the tax is paid by cable telegraph. You were notified a month ago and I have not had the pleasure of instructions as to what was to be done. — You had better tel-graph me in the morning what to do. —

You have been informed of French & Belgian patents needing attention soon: give us time on these so that telegraphing may not become necessary.

I have not received as yet any answer concerning the inventions which you wish to be put into the Prussian patent. Let me know as soon as you can. —

Send specs. of 135 & 136 acoustic, for your examination: I believe these are the only in-complete matters for you, except that a duplex model came in a few days ago that I have not as yet received instructions upon

Yours truly
Lemuel W. Serrell
L. W. S.

**Lemuel W. Serrell's**

OFFICES FOR PROCURING

**American & Foreign Patents,**

76 CHAMBERS STREET,

(P. O. Box 4689.) New York, June 25th 1877

T. A. Edison Esq

My dear Sir

There are several of your cases that need attention: a few minutes between us will set matters so that I can carry out what is desired. Can you see me tomorrow afternoon?

Yours truly

Lemuel W. Serrell.

---

**Lemuel W. Serrell's**

OFFICES FOR PROCURING

**American & Foreign Patents,**

76 CHAMBERS STREET.

(P. O. Box 4689.) New York, July 2 1877

Thos A. Edison Esq

Dear Sir

In the matter of your application for Patent on Autographic Pens, No. 134, which has been put in interference with the patent of E. Stewart, the office has notified me that your testimony must close July 30 1877, Stewart's testimony to close Aug. 20th and the hearing to be Sept. 24 1877.

I would like to see you about this matter at your earliest convenience after July 9th 1877.

Yours Truly

Lemuel W. Serrell

Serrell

Lemuel W. Serrell's
OFFICES FOR PROCURING
American & Foreign Patents,
76 CHAMBERS STREET,
(P. O. Box 4089.)

New York, July 17 1877

Thos. A. Edison Esq.
Dear Sir

In the matter of your application for Patent on Addressing Machines the Patent Office have declared two interferences in the same, and the preliminary statements in each are to be filed before August 6, 1877.

Please call at your earliest convenience and give me the necessary particulars

Yours truly
Lemuel W. Serrell
Serrell

Lemuel W. Serrell's
OFFICES FOR PROCURING
American & Foreign Patents,
76 CHAMBERS STREET,
(P. O. Box 4089.)

New York, Aug 2nd 1877

Thos. A. Edison Esq.
Dear Sir:

I wrote you July 21st 1877. in regard to your preliminary statements on the Addressing Machine case, which must be filed on or before the 6th of this month.

Please furnish me with the particulars at your earliest convenience this ~~must go off by Saturday~~

Yours truly
Lemuel W. Serrell
per Pinckney

L W Serrell
Aug 3-77

# Office for Patents.

119 & 121 NASSAU STREET,

New York, Aug 3 1877

Dear Sir:

It affords me pleasure to inform you that on Aug. 2 1877 your application for a Patent on Synchronous Movements was duly allowed.

The Patent will be engrossed for issue on the receipt of TWENTY DOLLARS, the balance of the fee payable thereon, if received within six months.

Yours Truly,

LEMUEL W. SERRELL.

To Thomas A. Edison Esq.

Lemuel W. Serrell's
OFFICES FOR PROCURING
American & Foreign Patents,
76 CHAMBERS STREET,
(P. O. Box 4680.)

New York, Aug. 24th 1877.

Thos. A. Edison Esq.,

Dear Sir;

In the matter of interference on Addressing Machines, (case 187) your testimony in-chief must be closed by Sept. 20th 1877. Testimony on behalf of Hip. must be closed by Oct. 10th 1877. Hearing Nov. 9th

Please let me know when you can call at my office, as I wish to see you in regard to several of your cases.

Yours truly
Lemuel W. Serrell
per Pinckney

Sewell.
Electrician. Mr. interference

Thomas A. Edison Esqr

NEW YORK, August 1877

SPECIFICATIONS, MECHANICAL DRAWINGS, CAVEATS, ASSIGNMENTS. } ACCURATELY PREPARED AND

RE-ISSUES, REJECTED APPLICATIONS, EXTENSIONS, INTERFERENCES, etc. } PROMPTLY ATTENDED TO.

**To LEMUEL W. SERRELL,**

Solicitor of American & Foreign Patents,

76 CHAMBERS STREET.

| | | |
|---|---|---|
| To Italian Patent on Fonts in Autographic Penspens | $180 | |
| To Austrian Patent on do " | 180 | |
| Premium spent | 45 | |
| | | $405 |

Rec'd Payment

Lemuel W. Serrell

L. W. Serrell

Lawrence
Sept 25 1877

Ans B
Enquired what I referred to

# Office for Patents.

119 ~~& 121 NASSAU STREET,~~

New York, Sept. 5th 1877.

Dear Sir:

It affords me pleasure to inform you that on Sept 3d 1877 your application for a Patent on

Telegraphs – (case 127)

was duly allowed.

The Patent will be engrossed for issue on the receipt of **TWENTY DOLLARS**, the balance of the fee payable thereon, if received within six months.

Yours Truly

LEMUEL W. SERRELL.

To Thos A. Edison Esq
Menlo Park N.J.

New York Sept. 6 1878

1/5.

Received of Thos. A. Edison Esq.
One hundred & twenty five dollars
on account of completing English
Patent on Duplex Telegraph &c

Samuel M. Spiesell
Secretary

Lemuel W. Serrell's

OFFICES FOR PROCURING

American & Foreign Patents,

76 CHAMBERS STREET,

(P. O. Box 1688.) New York, Sept. 7th 1877.

T. A. Edison Esq.

Dear Sir; Yours of 6th inst. received. Case No. 127. is the Automatic perforator & transmitter.

Yours truly

L. W. Serrell

J. Pinckney

Lr Terrice
Sept 11 77

# Office for Patents.

~~149 & 151 NASSAU STREET,~~

New York, Sept. 11th 1877.

Dear Sir:

It affords me pleasure to inform you that on Sept 3rd 1877 your application for a Patent on Acoustic Telegraphs – (Case 124) was duly allowed.

The Patent will be engrossed for issue on the receipt of TWENTY DOLLARS, the balance of the fee payable thereon, if received within six months.

Yours Truly,

LEMUEL W. SERRELL.

To T. A. Edison Esq.

**Lemuel W. Serrell's**
OFFICES FOR PROCURING
**American & Foreign Patents,**
76 CHAMBERS STREET,
(P. O. Box 4681.) New York, Sep 19 1877

T. A. Edison Esq
Dear Sir

The Speaking Telegraph corresponding to Canada, can be obtained at following prices

| | | | |
|---|---|---|---|
| France | 1 year | per piece | $130.— |
| Belgium | 2 " | " | 115.— |
| Austria | 1 " | " | 145.— |
| Germany | 1 " | " | 130. |
| Italy | 2 " | " | 160.— |

There is a yearly tax in each country after 1st & 2nd year as above;

Yours truly
Lemuel W. Serrell
6 P

Canada ready tomorrow entirely. come up.

No 124.

Room No. _____

*All communications should be addressed to the Commissioner of Patents.*

*DEPARTMENT OF THE INTERIOR,*

# United States Patent Office,

*Washington, D. C.* Oct 3 *1877*

*SIR:*

*In the matter of the application of* Thos. A. Edison

assor &c *for*

*Letters Patent for Improvement in* Acoustic Telegraphs

*allowed* Sept 3 *1877*

*You are hereby notified that the Model accompanying the above-named application was destroyed in the Office fire of the 24th of September.*

*The Office does not require that a duplicate shall be furnished, but would be glad to receive one, for the purpose of completing the record. The new Model must strictly conform to the original in the arrangement of its parts, and should be furnished within six months after the date of the letter of allowance, and before the Patent issues.*

*Very respectfully,*

L. W. Serrell

Box 4689. N. York City

Eli Thurston

*Commissioner of Patents.*

No. 126.

D
1877
Patents

Room No._____

*All communications should be addressed to the Commissioner of Patents.*

*DEPARTMENT OF THE INTERIOR,*

**United States Patent Office,**

*Washington, D. C.* Oct 3, 1877

*SIR:*

*In the matter of the application of* Thos. A. Edison *for Letters Patent for Improvement in* "Synchronous Movements" *allowed* Augt 2 1877

*You are hereby notified that the Model accompanying the above-named application was destroyed in the Office fire of the 24th of September.*

*The Office does not require that a duplicate shall be furnished, but would be glad to receive one, for the purpose of completing the record. The new Model must strictly conform to the original in the arrangement of its parts, and should be furnished within six months after the date of the letter of allowance, and before the Patent issues.*

*Very respectfully,*

L. W. Serrell
N. York City
Box 4689

Ellis Spear
*Commissioner of Patents.*

No. 127.

Room No. .....

*All communications should be addressed to the Commissioner of Patents.*

*DEPARTMENT OF THE INTERIOR.*

# United States Patent Office,

*Washington, D. C.* Oct 3, 1877

*SIR:*

*In the matter of the application of* Thos A. Edison

*for*

*Letters Patent for Improvement in* Automatic Telegraph Perforator & Transmitter

*allowed* Sept 3 1877

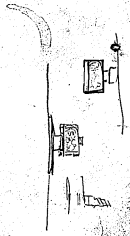
*You are hereby notified that the Model accompanying the above-named application was destroyed in the Office fire of the 24th of September.*

*The Office does not require that a duplicate shall be furnished, but would be glad to receive one, for the purpose of completing the record. The new Model must strictly conform to the original in the arrangement of its parts, and should be furnished within six months after the date of the letter of allowance, and before the Patent issues.*

*Very respectfully,*

L. W. Serrell
Box 4689
New York City

Ely Fear
*Commissioner of Patents.*



L. W. Sewall

Patent Office
Printing Models } Oct 3. 1874

No. 131,

Room No. _____

*All communications should be addressed to the Commissioner of Patents.*

*DEPARTMENT OF THE INTERIOR.*

# United States Patent Office,

*Washington, D. C.* Oct 3, 1877

*SIR:*

*In the matter of the application of* Thomas A. Edison *for Letters Patent for Improvement in* Stencil Pens.

*allowed* April 28 1877

*You are hereby notified that the Model accompanying the above-named application was destroyed in the Office fire of the 24th of September.*

*The Office does not require that a duplicate shall be furnished, but would be glad to receive one, for the purpose of completing the record. The new Model must strictly conform to the original in the arrangement of its parts, and should be furnished within six months after the date of the letter of allowance, and before the Patent issues.*

*Very respectfully,*

Ellis Spear

*Commissioner of Patents.*

Care L. W. Serrell
Box 4689, N. York City

NYOct 10/77

Of course you will see me at first opportunity concerning the letter I sent you Saturday by Eliff regarding Interference?

T.A.E.

J. E. Ramsey Esq

Lemuel W. Serrell's
OFFICES FOR PROCURING
American & Foreign Patents,
76 CHAMBERS STREET,

(P. O. Box 4689.) New York, Oct 4 1877

T. A. Edison Esq
Dear Sir

Mr Dickerson has been dropped out of the interference, he not going back far enough in his preliminary statement.

The Patent Office wants a more positive statement on your part in some particulars before 20th. Let me see you when in town

Yours truly
L. W. Serrell

Lemuel W. Serrell's
OFFICES FOR PROCURING
American & Foreign Patents,
76 CHAMBERS STREET,

(P. O. Box 4689.) New York, Oct 25th 1877

Thos A. Edison Esq.
Dear Sir;

In the matter of your application for Patent on Acoustic Telegraphs, case No. 132, the Patent Office has notified me that the same is adjudged to interfere with an application for Patent of G. H. Haskins, filed May 12th 1877. (This is a Moore & acoustic combined)

A preliminary statement on this matter is required to be filed before Nov. 26th

Please let me know your wishes.

Yours truly
Lemuel W. Serrell
per Pinckney

Lemuel W. Serrell's
OFFICES FOR PROCURING
American & Foreign Patents,
76 CHAMBERS STREET,
(P. O. Box 4689)

New York, Octo 25 1877

T. A. Edison Esq
Dear Sir

The Gas or Automatic Telegraphs cases 107 & 108, were paid by Mr Riff Sep 25. and they are at my office: Who shall they be delivered to, they are assigned to Harrington & yourself?

A letter was sent to you 18th ins. enquiring about, for an Autographic Pen which must go away tomorow, you have sent no word about it. Please telegraph tomorow whether it is to be paid or not: This case has the reed, lever and magnet, —— case No 81.

The Synchronous movement, need not be paid until end of Jan. and can be assigned should you so direct, this is case 126. —

No 124 acoustic was allowed Sep 3. 1877, I do not find any assignment to W. U. shall I make out one.

Case 127 Telegraphs was allowed Sep 3. 1877, This is the perforator and notched coupler: These cover all the cases of yours that are allowed and waiting fees.

Yours truly
Lemuel W. Serrell.

Law Offices of
Dickerson & Beaman,
N.Y. Staats Zeitung Building,
City Hall Square,

Edmund N. Dickerson
Charles C. Beaman Jr.

New York, Nov 20 1879

Thos A Edison Esq
West Orange
N.J.

My dear Mr Edison,

Will you be so kind as to come in and see me some day at your convenience in the matter of our trouble & interference.

Yours truly
E N Dickerson Jr

Lemuel W. Serrell's
OFFICES FOR PROCURING
American & Foreign Patents,
76 CHAMBERS STREET,
(P. O. Box 4689)

New York, Nov. 12th 1877.

Thos. A. Edison Esq.

Dear Sir;

In the matter of your application for Patent on Autographic Printing - case 129 - I have received notice that the same is adjudged to interfere with an application of Jas. T. McKean, of No. 22 New Church St. N.Y. City, filed Oct. 15th 1877. The preliminary statement must be filed before Nov. 26th 1877.

The subject matter involved is:—

1st In an instrument for puncturing paper a needle pointed rod reciprocated by a device constructed substantially as described and operated by the action of the air.

2nd In combination with the holder and needle rod, the fan wheel, case, shaft-cam and flexible tube substantially as described.

These are embraced in the 1st and 2nd claims of your application and shown but not so claimed by McKean.

Yours truly
Lemuel W. Serrell
per Pinckney

J. C. REIFF,

No. 52 BROADWAY.

New York, Nov 14th 1879

My dear Sir

Have just rec'd from Washington - Lindsey's copy Communication for Poland Spec -

Owing to delay occasioned by urgent work, Jury agreed upon by Loney, asked for Mr Dwyer and Edmund Dwyer to get after day delay for Preliminary Statement -

As we will now be free from any fraud on part of Rangers Not Calling theirs injunction when they are not, we can proceed -

Have statement completed & mailed Dec 12th so time Wed -

Return to Washington Friday night if possible immediately to take with me.

Please let me see you after mailing Wed, without fail - Yr JCR

I don't consider the great
thanks the interference a
very heavy affair

J. C. Clark
Morrison

[ENCLOSURE]

J. C. REIFF,

No. 52 BROADWAY,

New York, ..... 187

United States Patent office
Washington D.C. Nov. 12. 1877-

T. A. Edison
Care J. C. Reiff
New York City

Please find below a communication from the Examiner of Interferences, Smith vs. Edison, Telegraph

Very Respectfully
Ellis Spear
Commissioner of Patents

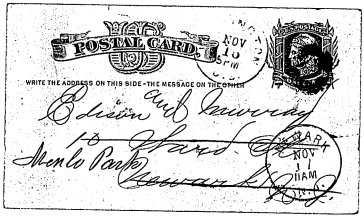
Room No 3

The time for filing preliminary statements in the above named case is extended to Dec. 12. 1877

# THE GREAT FIRE

In the United States Patent Office has not interrupted the regular operations of the Department. If you are an inventor and think of applying for Letters-Patent, wait until you have consulted us. Our advice will cost you nothing, and you will profit by our experience, knowledge and skill in patent matters. We have an office in Washington, in the immediate vicinity of the Patent Office, and make it a point to give our direct personal and constant attention to all our clients' interests. Our aim is to obtain *valid* patents with *strong* claims. Our fee in ordinary applications is $25. WRITE FOR BOOK OF INSTRUCTIONS.

CONNOLLY BROS.,
SOLICITORS OF PATENTS,
608 Ninth Street, Washington, D. C.
20 Fifth Avenue, Pittsburg, Pa. 424 Walnut St., Philadelphia, Pa.


POSTAL CARD

WRITE THE ADDRESS ON THIS SIDE—THE MESSAGE ON THE OTHER

Edison and Insurance

to Hard

Menlo Park

NOV 10

NOV 11 8AM

Lemuel W. Serrell's
OFFICES FOR PROCURING
American & Foreign Patents,
76 CHAMBERS STREET,
(P. O. Box 4689.)

New York, Nov. 17th 1877.

Thos. A. Edison Esq:
Dear Sir:

I send enclosed your preliminary statement on the McLean interference on Autographic Printing, (case 129) which if correct please sign and return to me, after making oath to the same.

Do not forget that a statement is required on case no. 132. (Acoustic Telegraph) by the middle of next week. You are not required to produce any witnesses just at the present time.

I have also to remind you that Dec. 5th is the last day (on the other side) for giving notice to proceed with your English Patent on Transmitting, recording & receiving Telegraphic messages. I should have your instructions by the 20th at the latest.

Yours truly
Lemuel W. Serrell
per Rinefney

J. C. REIFF,

No. 52 BROADWAY,

New York, Nov 24th 1877

My dear J. A. —

Send advice we have all the papers in the case —

Please call there today without fail, as there is no time to be lost. Fill up the statements & let me know at once if any more information is needed from Patent office —

Send me word at once if you will attend to this —

Yours

J. C. Reiff

J. C. REIFF.

No. 52 BROADWAY.

New York, Nov 28th 1887

My dear Edison.

I have left Washington tonight, & not hearing from you I called at Jewell's & yr. boy said you had called but date for preliminary statement & found yr. bad.

The Statement is due at Patent Office Monday Dec 2/77. unless time is Extended.

If Smith Smith is not home, his cannot be filed & we don't want to file yours in advance, as it may be seen with other Exps.

Better prepare it & I will ascertain if Smith's is in. And I will get further time —

Be ready therefore that yr. Statement at my office on Saturday or I can be forwarded if necessary —

I only need yr. date of conception & Experiment & practical application

Yours J. C. Reiff

J C Ruff Nov 28.97

I just fired the time was
extended 30 inches of 20 deg
making I clear 12 instead of 2,
then firing gun 10 deg addl.
Still had delay preparation

Lemuel W. Serrell's
OFFICES FOR PROCURING
American & Foreign Patents,
76 CHAMBERS STREET,

(P. O. Box 4689.) New York, Dec 5 1877

Thomas A. Edison Esq.
Dear Sir,

In the matter of interference between yourself and C. H. Haskins on Acoustic Telegraphs Case 182. they present is to say that the time for taking testimony is set and the time of closing the same is as follows —

Edison testimony to be closed Jan. 31-1878
Haskins " " " " Jan. 21-1878.
Rebutting " " " " Feb. 5. "
Hearing — — — — " 25 "

Yours Truly
Lemuel W. Serrell
W. Serrell

Lemuel W. Serrell's
OFFICES FOR PROCURING
American & Foreign Patents,
76 CHAMBERS STREET,

(P. O. Box 4689.) New York, Dec. 7th 1877.

Thos. A. Edison Esq.
Dear Sir:

Mr. G. L. Pope called at my office this week in reference to the interference with Mr. G. Smith.

As I have had no definite instructions from you concerning the case, and as the statements are due very soon, I would like you to call at your earliest convenience, so that the matter can be straightened out.

Yours truly
Lemuel W. Serrell
W. Pierson

Correspondence
Dec 26 1877

# Office for Patents.

~~140 & 142 N. 1st ST. STREET,~~

New York, Dec. 26th 1877.

Dear Sir:

It affords me pleasure to inform you that on Dec. 24th 1877 your application for a Patent on Autographic Printing (case 129) was duly allowed.

The Patent will be engrossed for issue on the receipt of TWENTY DOLLARS, the balance of the fee payable thereon, if received within six months.

Yours Truly,

LEMUEL W. SERRELL.

To Thos. A. Edison Esq.

Wash D.C. Dec 20/77.

T. A. Edison
Case J. Reiff
Ref

Subject matter Telegraph
very Respy Ellis Chase
Counsel Patents

Such matter of preliminary
interference above referred to upon
which an Examination was appointed
for the 22nd day of December 1877.
the question of priority of invention
has been decided in favor of
Edison on concession of Smith.

they see T. A. E. and you. Extract for your
information. When shall I see you.


**Lemuel W. Serrell's**
OFFICES FOR PROCURING
**American & Foreign Patents,**
76 CHAMBERS STREET,
(P. O. Box 4689.)


New York, Dec. 27th 1877.

Thos. A. Edison Esq.
Dear Sir,

Please sign inclosed papers and forward it to the Commissioner of Patents.

Mr. Pope has furnished me with a copy of the withdrawal of Mr. Smith of claims to the broad grounds, according to the last discussion.

Yours Truly
Lemuel W. Serrell
A. Pinckney

(1877)

Harbini.

tried work acoustic in Newark in 1875 and of Morse & Edg remarkable so.

Feby 1876 started for London

In Wed. building — got data, tried experiment for one month working morse & acoustic together, also working all acoustic one month, tried for long while to work acoustic & morse by reversals of the polarity — great difficulty was the effect of the reversals upon the acoustic receiver tried many methods of obviating this defect —

Pay
Brown & Jensen
London
Thirty two
pounds —

160
32,

Sold
Edisons
sound telegraph,
Lowell

Brown & Jensen

**1877. Railroad - Port Huron and Sarnia Railway Companies (D-77-016)**

Correspondence, some by Edison; memoranda, agreements, promissory note, power of attorney, accounts, bill.

All selected.

W. P. EDISON, Superintendent.

OFFICE OF THE

# Sarnia Street Railway Company

Sarnia, Ont., Dec 4th 1897

Dear Bro

You will find Photo for the Sarnia road also the amt it owes itemized I see J R Sanborns letter sent you was dated Dec 22th and the (Dougish ww) writes you on the 24th now if you watch this R R matter you will see that wastell is to sidetrack you while they make you propositions Sanborns tells you we have been ordered out of the G T Good I have not seen or heard of any such order neither can I find out if such an order has been given wastell would hold up both hands for such to be for him and W Wiley of G T R his bosum friend has been working for it for two years wastell is the man that wants it done for in my opinion he owns the most of the new road and would be willing to bust the old road for the benefit of the new

he tells you we were behind paying the men for some $ 12.00 but he dont tell you that week we pa Guy Kimball on judgment $ 25.00 also throw they that will last a month he speaks of the Omnibus Earnings to be sure but it was in 1865 in the Great Old Ex-Citement here when we could not carry the Passengers as 50 cts each and it cost $ 100.00 for a horse

W. P. EDISON, Superintendent.

OFFICE OF THE

# Sarnia Street Railway Company

Sarnia, Ont.,

187

& Cutter to go to Sault Port he tells you we have a note to renew for 1100.00 which is only $1050.00 it was reduced $10.00 on the Promesbak and the interest pd for 30 days $11.00 making $21.00 and it was paid out of the St Cor money he says he knowes you have been up in the north and you know nothing about the facts and that you have had false representations made to you and his been manufactured which he knows is a damd lie and he is the only man that doing that business than in the next line he tells you (but sir I tell you the damd road is Eleven years old half worn out Horses worn out Cars half used up &c and he hears that the Sarnia & Wallaceburg Roads are to vacate the 4 7½ grounds whats he to say about the Sarnia road he only tells you this to deceive you you want to know of his letter which is his word which isnt the shortest way that I can answer it that his whole letter is a damd lie the whole of it and should you come out here I will prove it to you to his teeth it may be that he may succeed in getting the 4 7½ to order us out of the yard but if such should be the case it is through him that it is done for his total wills is and has been trying but I think the

W. P. EDISON, Superintendent.

OFFICE OF THE

# Sarnia Street Railway Company

Sarnia, Ont., 187

G T R has got all they want on their hands to take one of the Engine drivers and see that they have no more stories down these fellows (Al) if you could come out here with $4000, or dollar or snake them below you had it would mash a disgrace of 4000" with you in the trade all they want is to let them know that you mean business and they will come down to you terms you will see by Wostlers letter that he makes no proposition that if we had to go out of the G T R yard to build around or to protect ourselves but his whole hobby is to sell out or give our road to the opposition I look upon him as the only enemy that the road has got to day and you tell him so with about 4000" in yr pocket and he is gone for when he makes up his mind that nothing can be done with you and that you dont scare he will try and have all the claims pressed and try and have the road sold out and they will bid it in and there is where it wants some brain backs

W. P. EDISON, Superintendent.

OFFICE OF THE

# Sarnia Street Railway Company

Sarnia, Ont., 187

and if they find you have got the money to pay the debts and build around if necessary or make them believe so which is just as good they will gracefuly come and see you and then you can dictate terms to them not them to you we have got the best of this thing if we can stay with wasteful long enough for I think he is getting near the bottom of his pocket you will find all that J P Sanborn is doing he is doing for Wortell I dont thinks that Sanborn cares a cent about either roads once Wortell wastfull and the bottom falls out of the new road in one day and you see by his correspondence that he dont draw over one inch water is the foot he is a bull headed Englisman that hates to give up Should you write him as you and him had the largest interest in the Old road you thought in case to take care of the greatest good and build around and let the new road run their road and we would run ours and you get his reply he would advise you before doing that to give our road to them (write such a letter and try him

W. P. EDISON, Superintendent.

OFFICE OF THE

# Sarnia Street Railway Company

Don't Forget the Car in Sarnia and the little Fair of Sarnia

Sarnia, Ont., 189

The item of Advertising on the Sarnia road is for Putting signs on the cars for one year I also let the Watford road for the same price which you will see in January 1877 Report this is something we have never had before

W W tells you we have no legal rights in the Park why should he say so he knows better for we have a lease from the Sec of war authorized by act of Congress which he knows has never been Repealed but I will in my Offical capacity take Care of Park business as far as St R R is concerned. if you make any arrangements whereby you let the Controle go out of your hands I would let them state how much Watford Stock they would take for their road clear of Debt and then let the Old road Pay her debt it is certain the Old road with her surplus of Stock & Real Estate is worth her debt more than the new road so I will send the notes as soon as we can have a meeting also the Old road debt.

WPE

(How is Chas)

OFFICE PHILA. INQUIRER
JAN 15 1877
WASHINGTON, D.C.

My Dear Sir

I send down your paper on RR & will try what can be done - what will you take for repeater for monopoly in this country? Better come over & bring your House RR papers & I will try to get it done while you are here. time will be saved by your being here -

Yours W. H. Painter -

Port Huron Jany. 16th 1877

Thomas A. Edison Esq

Dear Sir

Not having heard from you in reply to my last letter which I conclude you have not received I telegraphed you last night and am just in receipt of your reply. As I had taken hold of the matter not at the request of any one here, but to see ~~that~~ if I could not do something to bring about a settlement between those who ought to be neighbors in a business like way. I thought I would telegraph you as I did and I did it without consultation with any one. What I meant to convey is this. 1st To consolidate the two roads, at an equal value for each as proposed in the proposition sent you. 2d The reorganized Company to assume the entire debt of the old Company, and an amount of the new (or City R.R.) Company twenty five hundred dollars less than the

amount of the old road indebtedness
In other words if the old road should
owe $5.000- dollars then the reorganized
Company to assume that amount
and $2.500- dollars of the new RR
the balance of the new RRs indebtedness
to be paid by the old stockholders
the real diference between the paper
I sent you and your proposition
is as I understand it say $5.000
Now this would be dividing in.
and in case you say so, I will
try and see what I can do-
Is it better to do this if it can
be done and get this thing which
I know must be an annoyance
to you as it certainly is to me but
on a fair basis- when there will
be some prospect of its being paying
property. I wish you could spare the
time to come out here if you can I
will take hold with you and do all
I can. please let me hear from
you by letter or telegram. Yours truly
Jno T Sanborn

Port Huron Jany 27th 1897

Thos A. Edison Esq

Dear Sir

I telegraphed you last night that your answer to my letter of the 16th had not been received. I am this am 11.20 just in receipt of it and will take hold and see what I can do. I am heartily tired of the whole affair for certainly with me it has only been a source of annoyance. I will do what I can to get it fixed up and if I fail I only hope some one will take what stock I have so as to save me any further annoyance. Will write you again early in the week as to the prospects.

Resptly Yours

Jno P. Sanborn

W.P. EDISON, Supt.

OFFICE OF

# Port Huron and Grand Trunk Railway COMPANY.

Port Huron, Mich. Jan 29 1877

Dear Sir

I send you map of the reserve Charley can explain many things on it to you location of our tracks &c if you could get permission from the Sec of War to line our track where it is to the East entrance of the Garrison it would be boss

I renewed the Forest Nat Bank note Saturday and paid $100.00 on the principle and $10.40 interest which makes the note $1040.00 due in 30 days from the 27th of this month W W endorsed it again I did not think he would from what he wrote to you I have got about all the bills and acts in that we owe but W W promises to give us the amt of his Dept he says it is from 7 to 8 hundred Dollars you had better give W W to understand that you think it best to build around as it would cost so much less than to buy the new road out and we would not be in

dept so much as it could to buy them out and call him if he dont want to build around what is the lowest price he will sell his stock for in the old road I dont think he would sell at any such price as he talks keep him a running on this kind of correspondence and I think they try and come to terms in some shape soon find enclosed Baldwin's bill which you find on your list I sent you but you did not get the bill

will send you list of depts by wednesday we have had a hard dull winter and plenty of snow but all clear now will send you monthly statement about the 3th of feb

How is Chas?

W P C

W P Clarke
June 24 1877.

[DATE IS PROBABLY JANUARY 29, 1877.
SEE AGREEMENT OF MARCH 1877 IN
THIS FOLDER.]

J. C. REIFF.

(1877)

No. 52 BROADWAY.

New York, ..... 187

We the undersigned stockholders in the Port Huron & Gratiot Railway Company & the City Railroad Company both of the City of Port Huron Michigan for the purpose of settling all differences that have arisen between said corporations do hereby agree each with the other.

1st To consolidate the stock of both companies in one Company whose Capital Stock shall be Fifty five thousand Dollars to be represented by Five hundred and fifty shares of stock of the par value of one hundred Dollars per share which Certificates of stock shall be divided by as follows.

To the Stock holders in the Port Huron & Gratiot Railway Co. Three hundred shares to be divided among said Stockholders in proportion to the number of shares now held by them in said Company respectively.

To the Stock holders in the city Railroad Co Two hundred and fifty shares to be divided

among said stockholders in proportion to the number of shares now held by them in said Company respectively—

2d To assign the certificates of stock now held by us respectively in either or both ~~[illegible]~~ of the above named corporations to in trust however for the following purpose that is to say: that said shall consolidate the stock of both of the above named companies and form a new one which shall possess all the rights and franchises of both the above named corporations which shall be taken into said new corporation upon a valuation of Thirty thousand Dollars for the Port Huron & Detroit Railway Co. and Twenty five thousand Dollars for the City Railroad Co.

That the new corporation shall assume and pay Four thousand Dollars of the indebtedness of the Port Huron & Detroit Railway Co. and a like sum of the indebtedness of the City Railroad Co. and the

J. C. REIFF.

No. 52 BROADWAY.

3

New York, ..... 187

balance of the indebtedness of either of said corporations it is hereby agreed shall be assumed and paid by the stockholders of the respective corporations -

3d That when such consolidation shall have been perfected the said shall issue and deliver to each of the undersigned, certificates of stock, thereby conveying to each the several and respective shares of stock each person shall be entitled to as aforesaid -

4th We do each for himself hereby appoint our true and lawful attorney for us and each of us to vote upon our several and respective shares of stock in either the Port Huron & Gratiot Railwayy Company or the City Railroad Company in any meeting of the stockholders called to consider this proposition to consolidate the corporations upon the basis before named hereby ratifying and confirming all that our said attorney may lawfully perform in the premises

J. C. REIFF,

4

No. 52 BROADWAY,

New York, ..... 187

aforesaid —

In witness whereof we have hereto set our hands at Port Huron this day of.

| | | | | |
|---|---|---|---|---|
| William Wastell | 25 | shares | City | R. R. |
| William Wastell | 100 | do | Pt H & Gd. | Ry |
| John P. Sanborn | 25 | do | City | R. R. |
| H. Stewart | 60 | do | do | |
| H. Stewart | 42 | do | Pt H & G. | Ry. |
| John G. Calbs | | | | |
| O'Brien & Atkinson | 10 | do | City | R. R. |
| James Goulden | 30 | do | City | R. R. |
| Jas. Beard | 35 | " | " | " |
| J. Simbury | 20 | " | " | " |
| A. E. Chadwick | 6 | " | " | " |
| G. P. Voorheis | 4 | " | " | " |
| L. Hoon | 5 | " | " | " |
| Jno Cole. | 25 | " | " | " |

L. A. SHERMAN,
E. V. W. BROKAW,
JAS. E. STONE.

Port Huron, Mich., March 19th 1879

Mr Port Huron Railway Co

**To L. A. SHERMAN & Co., Dr.**

**Paper Dealers, News Dealers, Stationers, Book Binders and Job Printers,**

MERCHANTS' EXCHANGE BLOCK, WATER STREET.

☞ Printers Stock, Flat Papers, Card Boards, Blank Books, Wrapping Papers, Flour Sacks, Grocer's Bags and Fine Stationery.

| | | | |
|---|---|---|---|
| 1877 | | | |
| March 24 | For 14 quire Ledger | 3 75 | |
| " " " 16 " Record | | 3 00 | |
| | | " | $3 75 |

Recd payment of J. A. Edison.
L. A. Sherman & Co
Per Brown

---

No. _____ Due _____

$250.00 Port Huron Mich March 3rd 1879

Two hundred and fifty dollars after date, we promise to pay the Order of Mr J. A. Sherrington

Negotiable and Payable at the Commercial Bank Port Huron Mich

Value Received

Jno. W. Brown

**Whipple & Potter, Attorneys at Law.**

FRANK WHIPPLE,
WILLIAM POTTER.

Port Huron, Mich., March 27th 1887

T. A. Edison Esq.
Menlo Park N.J.

Dear Sir

Your note left with B. H. Walton was not handed me till Sunday evening and my time has been fully occupied from that time so that I have been unable to get this statement out sooner.

Mr. Wastell has not handed me in an exact statement of his account with the Ry Co. but showed me the Books he has kept which disclose a balance due the road of about $22.00

I enclose with this a statement showing all the indebtedness of the road that I can discover deducting the $500.00 paid N. A

From this comes $3500 to be assumed by the consolidated company and the balance to be adjusted by you Wastell & Stewart

2

**Whipple & Potter, Attorneys at Law.**

FRANK WHIPPLE.
WILLIAM POTTER. }

Port Huron, Mich., ..... 187

Mr. Stewart went as far West as Chicago & returned here being gone but four days on his trip to California. The road is running averaging about $18^{00} per day now & the snow is deeper now than ever seen before in this section. It is however melting rapidly to-day.

I send this to day without waiting for Mastell's detailed statement because that will delay another day & I presume you want to hear from me

Truly Yours
Frank Whipple

[ENCLOSURE]

Indebtedness of Port Huron & Detroit Street Railway Company March 13/77

| | | |
|---|---|---|
| Wm Stewart (Harness Shop) | 9 91 | |
| Port Huron Times Company | 5 00 | |
| Robt Rawlings - Black Smith | 10 75 | |
| Moffat Geo 1 Salt | 6 45 | |
| Port Huron Journal | 1 50 | |
| Wm D James - Feed | 33 52 | |
| Hatt Stave Co. | 11 91 | |
| E. Fitzgerald | 8 08 | |
| American Oil Co | 18 45 | |
| Wm Stewart Geo | 8 46 | |
| Geo. E. Brockway | 250 00 | |
| B. H. Wilton | 524 21 | |
| Port Huron Commercial | 1 00 | |
| Selling Geo Lamps | 16 27 | |
| Eociling Geo | 10 00 | |
| State Tax retinated | 144 63 | |
| T. A. Edison | 333 60 | |
| E. Vincent Geo Feed | 7 69 | |
| Backes Bros | 3 00 | |
| Jake Springer | 14 00 | |
| Whipple & Potter | 20 00 | |
| Frank Whipple | 15 00 | 1458 43 |

Notes—

| | | |
|---|---|---|
| 1st National Bank | 1040 00 | |
| Interest from March 20/77 | | |
| T. A. Edison | 1104 51 | |
| Interest | | |
| Wm Stewart - Dec 7/76 - | 93 52 | |
| Interest to Apr 7 - | 312 | 2241 15 |
| | | 3699 58 |

[ENCLOSURE]

| | | |
|---|---|---|
| Amt brot up | 3699 58 | 3699 58 |
| Judgments | | |
| Stevens & Thomas Justices Court | 194 15 | |
| Interest from Dec 14/76 to Apr 14/77 | 4 53 | |
| Fredk. Samuelus | 85 36 | |
| Int to Apr 7/77 | 1 99 | |
| Wm Stewart & Co | 1169 81 | |
| Int from Nov 29. | 38 99 | |
| Wm Wastell | 674 74 | |
| Int 1 mo. | 3 94 | 2173 51 |
| | | 5872 09 |

Pd on S RR Co
Mar 12. 1877

Agreement

This Agreement entered into this
day of March eighteen hundred
and seventy seven, by and between the
Railroad Company
a new company formed by the consoli-
dation of the Port Huron and Gratiot
Railroad Company and the City Street
Railroad Co, more particularly set forth in
a certain agreement bearing date of
January 29th 1877 and signed by all the
Stockholders of the above mentioned roads,
which consolidated road is hereinafter
called, the ——— Railroad
Company: and William Stewart, William
Wastell and Thos. A. Edison owners of the
entire Capital Stock of the Port Huron
and Gratiot Railroad Company
witnesseth:-
Whereas, by the terms of the agreement
dated January 29th 1877 eighteen hundred and
seventy seven as aforesaid the ———
——— Railroad Company agrees
to assume and does assume an indebt-
edness of the Port Huron and Gratiot
Railroad Company, of which the said
Stewart Wastell and Edison are sole
owners, to the amount of four thou-
sand dollars as set forth in the

following schedule:-

And whereas by the terms of the agreement dated Jun 29th eighteen hundred and seventy seven the stockholders of the Port Huron and Gratiot Railroad Company are to pay any indebtedness in excess of four thousand dollars
And whereas: the said _____ Railroad Company desires and requires for its own protection that the said Stewart, Wastell, and Edison sole owners of the Stock of the Port Huron and Gratiot Railroad Company will assume and pay any excess of indebtedness over and above the four thousand dollars assumed by the _____ Railroad Company and more particularly set forth in the schedule aforesaid
Therefore be it agreed that for and in consideration of the sum of one dollar to each in hand paid by the said

——— Railroad Company to the said Stewart Wastell and Edison the receipt of which they each for himself do hereby acknowledge; the said Stewart, Wastell, and Edison do hereby Guarantee and bind themselves to pay any indebtedness whatsoever over and above the sum of four thousand dollars as set forth in the aforesaid schedule and they do hereby each for himself agree together that they will pay such indebtedness if any in proportion to the number of shares held by each in the said Port Huron and Gratiot Railroad Company

Port Huron April 1st 1877
H. P. Edison

Dear Bro

The Rail Road Kings are having things rather lively here at present the different Elements are rather hard to harmonize Wastie says that Jim Bond is a damd old hog and knows nothing about of Rail Roading and in return Bond says that Wastie is a damd little upstart and does not know what he is talking about and Cole and Wastie both want to be Superintendent and both have their friends so you will see that things are not as lovely as they might be but they had a meeting to day and gave all a position ~~Wastie is to do the horse~~ trading Cole & Bond is to look

Wartie
Darling Cole & Beard is to lose
after the track was employes
& C in making the connection
in front of our house and
Goulden Beard and Stewart
Come up to the house and
wanted to know if I would
do it as I had Expense and
they had none but Goulden went
back on my doing it and
I was told of it and sent a
letter to Wartie stating that
I would have nothing to do
with the road whatever and
I send you his reply (or rather
would not as long as Goldens
name was connected with
the road) and Wartie got
Golden a rocked about it at
the meeting and Dauborn told
Wartie to stop his damd noise
or he would adjourn the meeting
Wartie is cindually on the war Path

and they will find him rather
an unpleasant bed fellow
wasten days to me the other
day do you know that me
(meaning himself) and you
have the controling interest
of the stock and if this fellow
continued to Bull closed
things in this way we had
better call a meeting of
the stock holders and turn
them all out of office and
elect a new board of Directors
so you see that he wants to be
all honey with me at present
the road is all right
and will make money if
properly managed but
under the present state of
things I dont think it will
make rich verry fast you
will see by westers letter that
he talks diffrent now than
he did before consolidation
what he wants is for him to

what he wants is for him &
me to run the road together
once more and tells me as
much but he is such a
d— liar that you dont know
where to find him he is
like a flea he is here and
then he is not here but the
whole thing must take some
unknown shape before long
and get down to work and
must all agree to one thing
and that is to run the road
to make money for the stock
holders and not Rufus Lighting
who shall or shall not be
superintendent — WW still holds
the tickets and refuses the
Commissioners and Rufus
authority to sell them at the
Street Car Office and refuses
to turn them over to the Co
I have been trying to get a
financial statement of the

road but have not been able
to do so as yet but if I
had a proxy of you stock
then I would be able and
they would give me a
statement at any time that
I wanted one and then
I could keep you posted
of all that was going on
but at present I have no
right to ask them for it
and of course they would
not give me one but do
as you think best about
it I am keeping in with all
the R.R. parties for I think
it is better than to be in a
hubbub with any of them
I keep on good terms with
both Elements and they come
to me for advise on Rail
road matters the damned
road has just commenced
run

Picking up and the Springtons are boss boys and full of business and shots to in that the Jenna road. will come out boss

I have been having the rheumatism alot a month but I am better now and can go without a cane once more how is Doddy and Charles Agnetis getting along I hope Chas is a good boy is he gets wild you must tell them to him in all

PS
Nile to write and tell him how things are getting along

W P E

M P Gibson
May 11, 1877

Dear Bro

I have not received any letter from you since you left here did you get a letter from me the RR shops are having a little trouble among themselves. Just at present they have not Elected a Supt yet Cole Wattes & Bond are all after it and it is hard for any one of them to get a majority of the Board of Directors but they will have to do something soon for the road is getting out of repair and soon as we will have to be putting it in order soon they have not made the connection of the two roads yet they are running the new road down to the Huron House and the old road from the Huron House to C & S 14 Depot and Change passengers at the office

Have they sent you any statements of the Earnings & disbursements let me know what they are if they have I am keeping a record of the changes in any property they dispose of Wattes made me a proposition to get him Elected Supt and then for me to do the work and draw the pay but I hardly think that me

hims could get along smoothly after so much trouble and I told him so but he has no confidence in his ability to handle the road if I could look on their books I could keep you posted and had any stock I could attend their Directors meetings and know all that was agoing on Stewart will not attend any meetings so they have it all their own way the Sterling road is picking up I will send you a statement up to first of May.

Now as I owe I D Carlton about thirteen hundred dollars and he has got 3000. in stock and he is a crowding me on it I went to Symington and asked him if he would lend me the amt on the same time that he did the $1500. that was two years and he said if I would give him 3000 in stock he would now what I want is for you to send me 1000 stock and I will let them, the 3000 take a rch for it in your name and send it to you then you will hold their notes for $10,000 on in stock the stock with the 1000 you will hold will more than pay the amt before it is due and that will make me feel easy for I would rather owe Symington $3000. than to owe I D Carlton $3,00 I would have life about it now as I don't fail to do this for I want to get out of his clutches now and forever I have got red of Stewart and now I want to get red of Carlton and then I think I can sleep easy so don't fail to send stock and I will send you their rct for the 3000 so no more at present how is Chosley and dad and all the rest of the folks we are all well

Yr W P L

May 1st 1877

**Whipple & Potter, Attorneys at Law.**

FRANK WHIPPLE.
WILLIAM POTTER.

Port Huron, Mich., May 7th 1871

T. A. Edison Esq
Menlo Park N.J.

Dear Sir

It is a long time since I sent you the statement of affairs of the P.H. & Sh. Ry. Co but have at last heard nothing from you.

The City R.R. has its affairs in good shape. The old road has done nothing yet and from what I can learn they are awaiting your movement.

Stewart & Co are anxious to have their judgment settled at once and wish me to proceed with the matter.

It is expected that money can be had about 10th June to pay the $400 assumed by the new company. Watson & Stewart express themselves in readiness to fix up their share of the indebtedness at any time you are.

Truly Yours
Frank Whipple

Port Huron Mich
May 11th 1877.

Friend Edison:

Yours of the eighth inst at hand. Enclosed find statement of disbursements & earnings up to May 8th inst. I was so busy in court during April - I did not get at it. Hereafter they will be on time

Yours truly
Geo. P. Vorhies

Geo P Vorhies
Port Huron
Mich

[ENCLOSURE]

Port Huron Railway

| | | | | | |
|---|---|---|---|---|---|
| | Disbursements since Mar. 9th 77 | | | | |
| Mar. 17 | Pay roll | ending Mar. 17. 1877 | 82 | 42 | |
| " 24 | " | " " 24 " | 68 | 97 | |
| " 31 | " | " " 31 " | 76 | 42 | |
| Apr. 7 | " | " Apr. 7 " | 68 | 42 | |
| " 14 | " | " " 14 " | 78 | 92 | |
| " 21 | " | " " 21 " | 89 | 17 | |
| " 28 | " | " " 28 " | 68 | 92 | |
| May 5 | " | " " May 5 " | 60 | 92 | $5 74 16 |
| " 5 | To Fred & Blacksmith for the above eight weeks | | 134 | 35 | |
| | paid | | | | |
| " | To old bills of the two old companies assumed by New Co. paid during that time | | 196 | 64 | 330 99 |
| | | | | | $915 15 |
| | Balance on hand | | $121 | 48 | |
| | The company owes for bills contracted during that time and unpaid | | $163 | 00 | |

18
32
36
90
16

15.

154

[ENCLOSURE]

Port Huron Railway

Memoranda of Earnings since Mar 9th 1887

| | | | |
|---|---|---|---|
| Mar | 17 | Earnings for week ending Mar. 17. 1887 | 115 15 |
| " | 24 | " " " " " 24 " | 121 90 |
| " | 31 | " " " " " 31 " | 152 40 |
| Apr | 7 | " " " " " Apr. 7 " | 139 25 |
| " | 14 | " " " " " 14 " | 126 50 |
| " | 21 | " " " " " 21 " | 118 88 |
| " | 28 | " " " " " 28 " | 123 30 |
| May | 5 | " " " " " 5 " | 140 35 |
| | | | $1036 53 |

The above statement includes the following items

| | | |
|---|---|---|
| | carrying Newspapers | 1 80 |
| " | Rent of Corner office, Mar | 16 48 |
| " | Cash on Horse Sale | 18 00 |
| | | 36 48 |

The above statement includes simply the receipts for fare; no mail, freight, or transit money being included

**Whipple & Potter, Attorneys at Law.**

FRANK WHIPPLE.
WILLIAM POTTER.

Port Huron, Mich., May 17 1887

T. A. Edison Esq.
Menlo Park
Dear Sir

I have not at hand nor can I learn here the date of the Note held by you against the P.H. & T.G. Ry. Co.
But after figuring from the data at hand I presume you are very nearly correct in your estimate to wit $140.00
If you will forward that amt together with the note I will try and get matters closed up.

Truly Yours
Frank Whipple

**Whipple & Potter, Attorneys at Law.**

FRANK WHIPPLE.
WILLIAM POTTER.

Port Huron, Mich., May 25th 1887

T. A. Edison Esq
Menlo Park N.J.
Dear Sir

Your note of the 21st inst
In order to make that balance sheet
spoken of in it it is absolutely nec-
essary to know the amount of the
note held by you against the com-
pany. I cannot make one as
I suggested in my last letter to
you without that note or at least
without knowing its amount date
and rate per cent of interest
The method I proposed was to
save time but if the other suits you
best send me the above data &
I will prepare it

Truly Yours
Frank Whipple

| | | | | |
|---|---|---|---|---|
| accounts | Indebtedness of Pt Huron & Lexington Railway Co. | | | |
| | Wm Stewart (Harness Shop) | | | 9.91 |
| | Times Co. | | | 5.00 |
| | Roff Rawlings - Blacksmith | | | 10.75 |
| | Moffat Geo - Salt | | | 6.45 |
| | Pt Huron Journal | | | 1.50 |
| | W. D. James Feed | | | 33.52 |
| | Natt Stave Co. | | | 11.91 |
| | E. Fitzgerald | | | 8.08 |
| | American Oil Co. | | | 18.45 |
| | Wm Stewart & Co | | | 8.46 |
| | Geo. E. Brockway (Cutting by P&H R.R.Co.) | | | 775.00 |
| | B. H. Milton | | | 524.21 |
| | Pt Hu Commercial | | | 1.00 |
| | Selling & Co Lamps | | | 16.27 |
| | Evening News | | | 10.00 |
| | State Tax estimated | | | 144.63 |
| | Wm P. Edison ($500.00 paid by Dad Vc.) | | | 838.60 |
| | E. Vincent & Co Feed | | | 7.69 |
| | Bachers Bros | | | 3.00 |
| | Jake Springer | | | 14.00 |
| | Whipple & Potter | | | 20.00 |
| | Frank Whipple atty | | | 15.00 |
| | | | | 1933.43 |
| notes | 1st Natt Bank Note | | 1040.00 | |
| | T.A. Edison note | 548.77 | | |
| | Int from Dec 16/96 | 27.43 | 576.20 | |
| | T.A. Edison note | 555.74 | | |
| | Int 6 mos. | 27.79 | 583.53 | |
| | Wm Stewart | 93.52 | | |
| | Int 6 mos. | 4.78 | 98.30 | 2298.03 |
| | Carried over - | | | 4231.46 |

Amt brot over 4231.46

Judgts-

| | | |
|---|---|---|
| Stearns & Thomas | 194.15 | |
| Int 6 mos. 7% | 6.80 | |
| Fred'k Saunders | 85.36 | |
| Int 6 mos - 7% | 3.00 | |
| Wm Stewart & Co | 1169.81 | |
| Int 7 mos. 10% | 68.82 | |
| Wm Wastell ~~7%~~ | 654.74 | |
| Int 4 mos. 7% | 15.28 | 2197.96 |
| | | 6439.42 |

Deduct amt assumed by Pt Huron Ry. Co. 4000.00

Leaving $2439.42

to be paid by Edison, Wastell & Stewart —

| | | |
|---|---|---|
| Edison | 160/302 = | 1292.41 |
| Wastell | 107/302 = | 807.75 |
| Stewart | 42/302 = | 339.26 $2439.42 |

| | | |
|---|---|---|
| Due from T.A.E. | 1292.41 | |
| Notes & Int - | 1159.73 | |
| | 132.68 | |
| To Whipple for services | 10.00 | |
| | $142.68 | |

Balance due from Edison after surrendering notes held by him

Port Huron RR Co
June 25 1877
$142.68

Port Huron Mich
June 13th 1877

Friend Edson:

Enclosed find statement of the earnings and disbursements of the Railway, from its consolidation. I have done so, for the reason, that I found one or two slight errors in my former report. This I believe to be correct

Yours truly
Geo. P. Vinkhuis

[ENCLOSURE]

Port Huron, Michigan

Memoranda of Earnings Since March 10th 1877

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Mar | 17 | To week | ending | Mar. | 17th | 115.65 | |
| " | 24 | " | " | " | 24th | 121.95 | |
| " | 31 | " | " | " | 31st | 152.60 | |
| April | 7 | " | " | " | April 7th | 139.25 | |
| " | 14 | " | " | " | " 14th | 126.05 | |
| " | 21 | " | " | " | " 21st | 121.55 | |
| " | 28 | " | " | " | " 28th | 129.80 | |
| May | 5 | " | " | " | May 5th | 146.15 | |
| " | 12 | " | " | " | " 12th | 132.25 | |
| " | 19 | " | " | " | " 19th | 137.25 | |
| " | 26 | " | " | " | " 26th | 124.05 | |
| June | 2 | " | " | " | June 2nd | 121.75 | 1577.10 |
| April | 28 | " | rent Corner Office | | | 16.68 | |
| " | 29 | " | Cash, on home trade | | | 18.00 | |
| May | 15 | " | " Jewelled iron | | | 6.85 | |
| " | 25 | " | rent Corner Office | | | 17.00 | 58.53 |
| | | | | | | | 1635.63 |

Contra

Disbursements Since March 10th 1877

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Mar | 17 | By Pay roll | ending | Mar. | 17th | 82.42 | |
| " | 24 | " | " | " | 24th | 68.97 | |
| " | 31 | " | " | " | 31st | 76.42 | |
| April | 7 | " | " | " | April 7th | 68.42 | |
| " | 14 | " | " | " | " 14th | 78.92 | |
| " | 21 | " | " | " | " 21st | 69.17 | |
| " | 28 | " | " | " | " 28th | 68.92 | |
| May | 5 | " | " | " | May 5th | 60.92 | |
| " | 12 | " | " | " | " 12th | 78.25 | |
| " | 19 | " | " | " | " 19th | 57.20 | |
| | | Amount Carried forward | | | | 703.71 | 1635.63 |

[ENCLOSURE]

| | | | |
|---|---|---|---|
| | Amount brot forward, | 703.71 | 1635.63 |
| May 26 | Pay Pay roll ending May 26th | 47.50 | |
| June 2 | " " " " June 2° | 45.50 | |
| | | 796.71 | |
| May 5. | " Feed, Blacksmithing for Eight Weeks Ending May 5th | 134.85 | |
| | " Old Bills of the two Companies assumed & paid during Eight Weeks Ending May 5th | 196.64 | |
| June 12. | " Feed, Hay since May 5th | 49.55 | |
| | " Amt Pd H. McMorran for Feed & Supplies | 110.00 | |
| | " ~~Pd~~ old Bills of two Companies Paid since May 5th | 134.90 | |
| | " Other Sundry disbursements | 17.58 | |
| | " Balance | 175.60 | |
| | | 1635.63 | 1635.63 |
| | To Balance on hand | 175.60 | |

TAE

Your July 5th received
I have had a talk with
Wastie about putting the Echo
board in the office some time
ago and he told me that he
would do so August 1st and
I thought that would be all
OK the fright will also be
carried in to all reports
after this the only trouble here
is between Wastie and
Cole Cole wants the management
which I think would not
be to the interest of the road
and when Cole finds out that
he cannot get it that will
settle things and all will be
pleasant the only thing or the
only good of having you proxy
here would be this should the

minority of the stock wants to do any thing that the majority thought was not to the interest of the road then at least the majority would be consulted in such matters but I dont think there is any danger of any trouble with any one but Cole and he amounts to nothing Beard is a good kind of a man but a kind of a old fus budget but means well we need him on the back teams I talk often with Sanborn and all the fortins also with Cole but he is sore on the manager he is out of employment and tells myself nothing to do I think if he was supt of the Road it would pay Cole of it did not pay the rest of the stockholders for I know that he is not honest I dont think you need fear of any troubles with this chaps for they got all they wanted in the last two years now what Worster and and all the rest want is to get back some of their lost fortuns (except Cole he wants to be vanderbilt) Sanborn is a going to let the road have a loan of 500.00 this month sometime for my part I shall have no trouble with any ~~thing~~ what I want is the road to pay her debts and then pay something to the stockholders and it cannot do it when the stockholds

N P Colburn
July 2, 1874

are in a jangle and what we should do is to have harmony in the road and not get in a any more trouble the road is running fair for the times and is making a little money and I think will improve the only thing that you closed should be represented here is this should any thing ~~thing~~ come up or any important changes to take place then all the stock should be represented but as it is it has nothing to say about any matters or changes it may never come up unless at a regular Stockholders meeting which is next month but do as you think best but should you send me the Proxy date it March 15th for I don't want them to think that you just sent it for if I had it I should only use it in and for Peace not for jangle) when in chat coming home his mother is crazy about him

WDR

out that I owned in with you but I told them no so dont know me in the matter at all

W R C

July 3rd 1877

Symington was over to day and wanted to know what you would take for your stock and take Mortgage on the road for security I told him I did not think you would take less than 60 cts and 10 per cent from the time you bought the stock if you could get that and I think they will give it I think ~~it~~ I would take it but should you do so have them held individualy on the paper for they are no one with or without security but dont take less for I know that they intend to get the whole road if they do not come up and buy I will take with some others in Peoria that I think would take the hold of it they are laying out a good deal on the track and have took a good stock of horse and purchased a new freight car for they commenced to carry the 4th on the 2nd July which will add every much to the road I dont think they want the road to much a very good showing for they want to purchase but you must look at the property added to the road as freight at present

W R C

I told Symington that you had no stock that you owned the goods, and had nothing to do with it they wanted to make

The Pek Shore Road Co are having a meeting this afternoon and will probably change of their doings to night

Port Huron Mich.
July 5th 1877

T. A. Edison Esq
Menlo Park, N. J.

Dear Sir:

Yours of 27th ult received — Contents noted,

Mitell still retains the freight money, and tickets, I think that he will turn them over soon

Will have statement for June ready in few days.

Yours truly
Geo. P. Fourhoux

[JULY 6, 1877?] [TO T. & J. SYMINGTON]

A VARIANT VERSION OF THIS DOCUMENT FOLLOWS

Yours your letter received, As I am entirely unacquainted with the ~~accounts~~ books of the road and as no statement was enclosed & and no information good bad or indifferent has been sent me by my brother since I saw you, it cannot be expected that I could understand or grasp the meaning which of your letter; ~~Add the stock that~~ I have sent a copy of ~~your letter~~ it to my brother for ~~information~~ light on the subject = For your information I will state that I own & have paid for 150 shares at the rate of 69½ cents to the dollar gold, Originally I paid in for 120 shares for which I hold receipt & return checks. 60 shares were received from Mr Flemming for which I sent him $2300 american currency through Vermylie & Co for which I had their receipt & these were returned to me by Mr Flemming some of the receipts notes which ~~are~~ I had cancelled

stock I know nothing of who owns it
how much there is of it or if ~~anything~~ it has
paid 67½ or any assessments,
I will be happy to furnish you any
information that is in my possession
in regard ~~to the~~ to my 150 shares,

of the assessment as you know I left 1000
with you which was an I believe sufficient
to cover that called on my stock =
The only interest my brother has in these
shares is a promise on my part that
should they ever approach to the
dignity of par that he should
should have the difference between 6 of $\frac{1}{2}$
and 100 and it was this that
[illegible] him to urge us to make the [illegible] Company
[illegible] I left with you = of the [illegible] Patterson
[illegible] of the

Dear Sir

[illegible]

[illegible]

[illegible]

W. P. EDISON, Superintendent.

OFFICE OF THE

# Sarnia Street Railway Company

Port Huron

Sarnia, Ont., July 8th 1897.

Dear Bro

Please find the within letter which states what Mr Dawson requires upon making the loan to the Company I see nothing unfair in it. the road is being pushed for its depts and something must be done I think that Mr Dawson will interfere with the running of the road as long as it is run in the interest of the Stockholders and does not depreciate his security and then in either case it would be to your interest to have him step in and stop it may thing would of been smooth were it not for Mr Ed and because they would not consent to let him step in and plunder the road as he did the new road he commenced throughing mud at the present management which I think is running the road to the best interest of the Stockholders

W P E

This letter was handed to me by Mr Cookies

WPE

[ENCLOSURE]

Port Huron Mich
July 9th 1877

T.A. Edison Esq.

Dear Sir:

To get the loan which we had hoped to get before this time, it becomes necessary for a balance of the stock to be transferred to ~~him~~ John P. Sanborn, who make the loan, together with power of attorney, during lifetime of loan, as some of the stockholders refuse to guarantee payment of loan. This seems necessary ~~because~~ to protect the company + Mr Sanborn, from outside influences, that may be made injurious to this loan or interest of the company. Bartell + Bond will transfer their stock and that will be sufficient, although others could be induced to do otherwise.

Some of the stockholders would prefer to see the road sold, + sold, taking their chances on the sale to become purchasers.

Debtors are pressing the road, and

[ENCLOSURE]

the loan must be made forthwith.

Mr Sanborn will loan five thousand dollars, and that will take care of all pressing debts at present - and put the company in a shape where it can protect itself and the interests of all the stockholders.

This being seemingly the only alternative open to the company, it seems necessary that the proposition named in the postscript of this letter should be made effective. As many as to whom this seems feasible, they will take immediate steps to carry the same out. It is to be hoped.

The connection has been made; and the road is doing well, for the hard times,

Yours Truly
Geo. P. Voorhees

(Copy) (Copy)

POWER OF ATTORNEY—27-6-4. (124) Printed and Sold by Dickinson, Backus & Co., Stationers, Detroit.

# Know all Men by these Presents,

That I—~~Gardner~~ We William Wastell, Ovson S. Chadwick, Geo. Woodruff, John Cole, O. Brian Atkinson, J. Lindabury, J. Goulden, Wm. Stewart

have made, constituted and appointed, and **By these Presents** do make, constitute and appoint James Beard & John C. Bankson Jointly, or the survivor of them true and lawful **ATTORNEYS** for us and in our name, place and stead, to hold, manage and control for us, our respective shares of stock which we now or may hereafter own or acquire in the Port Huron Rail Way Company and as is particularly set forth in the additional bond on written and they are hereby empowered and authorized to execute Exchange Every one to Power of Attorney for directly or indirectly the Black Hollow Stock Co. with Power of Jointly Substitution of Power Which may not do, in this power not granted for the purpose herein mentioned, they are Special our Proxies of said Stock, the powers hereby conferred are irrevocable. Absolutely for Ever, in witness whereof, I have hereunto set our hands and seals this 15th day of July 1873 Created in Consideration of a loan of Ten Thousand Dollars by John C. Bankson Secretary and one of the Trustees, of the Port Huron Railway Company for the purpose of Paying off a Mortgage of said Company, and for further Security and Indemnity to him or said Board, it being the primary motive of, that the power of Sale Jointly and in Consideration that our said Attorneys shall pay over Dividends any of said powers or Securities, to any of our Heirs or any person other Stockholder in said Co. or any other person in their interest or acting for them unless said mortgage is paid by the Company, but in case that time they shall be Personally & in good faith, then this power has by Confirmed

giving and granting unto Our said Attorney full power and authority to do and perform all and every act and thing whatsoever requisite and necessary to be done in and about the premises, as fully to all intents and purposes, as We might or could do if personally present, with full power of substitution and revocation, hereby ratifying and confirming all that Our said Attorney or their substitute shall lawfully do or cause to be done by virtue hereof.

**In Witness Whereof,** We have hereunto set Our hand and seal the 15th day of July one thousand eight hundred and seventy Seven.

**Sealed and Delivered in Presence of**

John Cadale

Frank Whipple

William Wastell (L.S.)
Ovson S. Chadwick (L.S.)
Geo. Woodruff (L.S.)
John Cole (L.S.)
O. Brian Atkinson (L.S.)
J. Lindabury (L.S.)
J. Goulden (L.S.)
Wm. Stewart (L.S.)

**State of Michigan,** County of St. Clair } ss.

**Be it Known,** That on this 15th day of July one thousand eight hundred and seventy Seven before me, a Notary Public in and for said County, personally appeared William Wastell, Ovson S. Chadwick, Geo. Woodruff, John Cole, James Goulden, O. Brian J. Atkinson, J. Lindabury & William Stewart above named, who are to me known to be the person described in and who executed the above Letter of Attorney and acknowledged the same to be their free act and deed.

John Cadale
Notary Public
St. Clair Co.
Mich

Schedule referred to in the written power of attorney showing the number of shares owned by each of us

| | | |
|---|---|---|
| William Wastell | 126 | shares |
| Aaron E Chadwick | 8 | " |
| R P Voorhees | | |
| John Cole | 33 | " |
| O Brien J Atkinson | 10 | " |
| I Lindsay | 16 | " |
| Jas Goodden | 32 | " |
| Wm Stewart | 74 | " |

**Power of Attorney.**

Dated

Port Huron Mich
July 13th 1877

T. A. Edison Esq
Menlo Park
N. J.

Dear Sir:

Enclosed find statement for month of June ending June 30th showing earnings and disbursements.

We are having some difficulty about our loan - the particulars of which were written to you on Monday.

Yours Truly
Geo. P. Voorheis

Port Huron Mich
July 16th 1877

T. A. Edison Esq

Dear Sir:

The loan has been made. All the stockholders here signed an irrevocable power of attorney for the period of five years, placing their control and management of the road for that period in the hands of Messrs Beard & Sanborn. the object being to see if the road could not be better managed, in that way, & some money made, and to further protect & secure Mr Sanborn for loan.

What we want to arrange and close up is the indebtedness of the roads, and this cannot be done, untill the excess of the indebtedness of the old road which you & Messrs Stewart & Bartell assumed is also arranged. because the new company is at a loss to know what to pay & what not.

As it is, the most pressing simply have been paid. Having succeeded with the loan

The new company is desirous of getting rid of all annoyance of old debts both old & new: & of arranging its own-

Messrs Mattill & Stewart are ready to arrange matters, as I am informed, at any time that you are ready-

Awaiting your reply I remain

Yours truly

Geo. P. Voorhis

Sec

E. B. Voorhees

Feby 16. 1871

(No 3 7)

Dear Bro

Yours of the 27th Received
Stewart told me to day that they
promised him a detailed Statement
up to the first day of July and then
I can get a Copy of it and will send
it to you as regards the freight wagon
has got it in his name and has had
it so before the Consolidation but the
Company gets the profit and pays the expense
of it and it should show in the reports
it dont look like business. he also has
the tickets and the profit from them I
understood you to say that John P Sudan
told you they should be put back in the
Office but it has not been done had for
not letting Jog Mr J P S on the matter un
have got the connection made between the
new and the old roads also the car house
moved on Rio Grande in front of
the Barn and a switch off the main

Mr P B Shann
Aug 1 1898

can Pin you can but let this Job and
get a bad one built by men that
never built a rod of RR before they
were good Carpenters but know nothing
about Railroading I think Worten is
trying to do the best he can to make the
road pay keeping down Expences &c but
he is imposed on his drug store most
of the time so many things go undone that
should be done but I do think if John
Cole should run the road one year
that he would run it in the ground
him and worten are by the ears but as long
as the road dont suffer let them fight it
out on that line I guess Whipple the
Chief of you notes against the Company
I suppose he told you you will
probaly get a letter from the Symington
of the Sonna road they have you bacc
and dont propose to allow my bills
for building the road checking out and
allowing what they see fit and come
over here wanted to know what you
would take for your stock I told
them I had none and if they wanted
to buy you stock to write to you

The mail is just going

WPG

Statement of Treasurer of Pt Huron

Rail Road from August 1877 to November 3d 1877

| | | | | | |
|---|---|---|---|---|---|
| Aug | 4 | Balance as per Statement | 2069 | 66 | |
| | 11 | Rects of Cars for week ending | 169 | 45 | |
| | 18 | " " " " " | 179 | 89 | |
| | 25 | " " " " " | 158 | 20 | |
| Sept | 1 | " " " " " | 162 | 70 | |
| | 8 | " " " " " | 126 | 10 | |
| | 15 | " " " " " | 135 | 58 | |
| | 22 | " " " " " | 136 | 65 | |
| | 29 | " " " " " | 158 | 80 | |
| Oct | 6 | " " " " " | 155 | 80 | |
| | 13 | " " " " " | 131 | 10 | |
| | 20 | " " " " " | 125 | 10 | |
| | 27 | " " " " " | 111 | 90 | |
| Nov | 3 | " " " " " | 120 | 50 | |
| Aug | 4 | Cash Recd for Old Stamps sold | 5 | 00 | |
| | 31 | " " " Rent P Newell | 17 | 00 | |
| Sept | 19 | " " " Wood sold | 2 | 00 | |
| | " | " " " Waggon " | 25 | 00 | |
| | " | " " " Wood " | 2 | 00 | |
| | 25 | " " " Rent P Newell | 16 | 00 | |
| | | " " " Carring Papers | 9 | 75 | |
| | | " " " Mail G T RR | 155 | 00 | |
| Aug | 14 | " " " Freight | 461 | 47 | |
| | 21 | " " " " | 56 | 06 | |
| Sept | 10 | " " " " | 32 | 55 | |
| | | " " " Borrowed Money at our Bk | 200 | 00 | |
| | 22 | Freight | 46 | 18 | |
| Oct | 8 | " | 32 | 97 | |
| | 22 | " | 62 | 45 | |
| | " | on W Wolts Note | 27 | 09 | |
| | | | 5706 | 67 | |

Statement of Treasurer of Pt Huron Rail Rd

From August 1877 to Nov 3d 1877

| | | | | | |
|---|---|---|---|---|---|
| | | Amt brot forward | | | 5106 67 |
| Aug | 11 | Cash Paid Pay Roll | 53 | | |
| | 18 | " " " " | 51 | | |
| | 25 | " " " " | 116 35 | | |
| Sept | 1 | " " " " | 49 00 | | |
| | 8 | " " " " | 55 00 | | |
| | 15 | " " " " | 65 70 | | |
| | 29 | " " " " | 53 | | |
| Oct | 6 | " " " " | 55 | | |
| | 13 | " " " " | 53 50 | | |
| | 20 | " " " " | 55 | | |
| | 27 | " " " " | 56 | | |
| Nov | 3 | " " " " | 55 | | |
| Aug | 6 | Cash Paid Howard & Wells | 1750 00 | | |
| | | " " Sundry Bills for Track | | | |
| | | " " Repairing a/c by W Wastell | 218 61 | | |
| | | " " Teaming by W Wastell | 33 96 | | |
| | 18 | " " on Note at Dunys Bank | 157 17 | | |
| Sept | 20 | " " A Dunys Note | 200 00 | | |
| Oct | 1 | " " W P Edwards " | 95 00 | | |
| | 18 | " " " " " | 100 00 | | |
| Sept | 28 | " " S Blumph Track Repairs | 10 00 | | |
| Nov | 3 | " " Sundry Bills paid for | | | |
| | | " " Repairs on Track from the | | | |
| | | " " Last Report to date as per bk | 5 15 78 | | |
| Aug | 22 | Cash Paid on P&N & GRR a/c | | | |
| | " | " " W Stewart | 8 46 | | |
| Sept | 8 | " " Times bill | 5 00 | | |
| | 25 | " " Nat Stave bill | 11 91 | | |
| | | Cash Paid on Feed a/c | | | |
| Nov | 3 | " " for Oats to date | 106 59 | | |
| | " | " " " Feed " " | 126 01 | | |
| | " | " " " Hay " " | 192 1 | | |
| Aug | 8 | Cash Paid R S Rawlings Blacksmith | 16 65 | | |
| | 18 | " " J U Balkwill " " | 3 00 | | |
| Sept | 17 | " " B W Bonney " " | 8 70 | | |

| | | | | | |
|---|---|---|---|---|---|
| | | Amt brot forward | | | |
| Sept | 20 | Cash Paid B W Bonney Rep Wagon | 25 00 | | |
| Oct | 8 | " " " " Blk Smith | 11 90 | | |
| Nov | 3 | " " " " " | 29 23 | | |
| | | Cash Paid Sundry a/c | | | |
| Aug | 8 | " " Tearing up Old Track | 13 50 | | |
| | 10 | " " Surveying | 3 00 | | |
| | 23 | " " Water Rates | 17 00 | | |
| Nov | 3 | " " Rent Geo E Brockway | 62 50 | | |
| | " | " " "Sounderfut" | 2 00 | | |
| Aug | 31 | " " Oil Penfield | 15 89 | | |
| Sept | 8 | " " Surveying | 8 00 | | |
| | " | " " Gas Bill | 3 85 | | |
| | 19 | " " Work on Barn | 2 25 | | |
| | 20 | " " Wastell Bill | 2 18 | | |
| | 29 | " " S A Sherman & Co | 2 35 | | |
| Oct | 18 | " " Check Book | 1 25 | | |
| | " | " " D Gurin for Hack | 8 00 | | |
| | 27 | " " Stamps | 11 26 | | |
| | 30 | " " 2 Pails | 85 | | |
| Nov | 3 | " " on Insurance | 20 06 | | |
| Sept | 22 | " " Interest on Int Rep | 38 82 | | |
| Nov | 3 | " " W Nolte | 3 00 | | |
| | " | " " Hay by W Wastell | 7 50 | | |
| | " | " " Repairs on Barn at Barn | 4 50 | | |
| | " | " " Building Bridge & | | | |
| | " | " " Cross walk on P&Ave | 30 00 | | |
| | " | " " Repairs on Griswold St | 9 63 | | |
| | " | " " " " Superior St | 1 25 | | |
| | " | " " " " Huron Ave | 10 75 | | |
| | " | " " J Miller for mowing | | | |
| | " | " " Car Shed | 25 00 | | |
| | " | " " Fish & Co Iron & Car Wheels | 1 85 | | |
| | | Balance | 398 76 | | |
| | | | 3706 67 | | 3706 67 |

Port Huron Aug 6th 77

Thos A Edison Esq
Menlo Park N.J.

Dear Sir

Yours of Aug 1. 77
rec'd to day with Draft for $142.68
Before the settlement can be made
it will be necessary to have the note
you hold against the old company
to surrender upon final settlement

Truly Yours
Frank Whipple

Fort Union Aug 10 77

Dear Pa

Arrived home all O.K. on tuesday night and have been spending my time since in looking over the battle field. but since the smoke has cleared up I do not see much change for the better in the management of the road as the enemy ~~has~~ are fighting a civil war among themselves the principle matter is that the whole concern is in a more deplorable condition than it even was. Ward, Cole, Moulden & Atkinson is fighting with Wastell and there is a general eruption in the camp. and of course all at the expense of the company. They had a meeting ~~Monday~~ Wednesday and Moulden offered a resolution to pass all the officers & families connected with the road right in direct opposition to the one that you had passed when you was here and it was unanimously passed by every one except Wastell and he voted against it and is mad as hell that it was passed

I have several things that I want to tell you but I want to get a few more particulars as what I write to you I do not want to misrepresent them in the least will look into that Sam is Mother with Sophie tomorrow

Love to all C.H.C.

LAW OFFICE
OF
CHADWICK & VOORHEIS.

A. C. CHADWICK. GEO. P. VOORHEIS.

Port Huron, Mich. Aug 15 1877

T. A. Edison Esq
Menlo Park
N. J.

Dear Sir:

Enclosed find statement for mth ending Aug 4th 1877. This does not include any freight or ticket money. The freight money has since been turned over, & will be reported upon in the next report.

Yours truly
Geo. P. Voorhies

Dear T. A. E. Port Aug 16/77

Waited for you all the afternoon. You need a bad in RR matter at once. Guess R.W.R. can fix things. W.P.E. has evidently contested matter very strongly. Yours truly

J. C. R.

GAE

Aug 20/77

Don't worry over the Sarnia Stock they will not attempt to cancel any stock but I will have a legal notice served on them before their next meeting I have a meeting with the Symingtons Wednesday I tell them I am ready to pay any judgment that the road can get against me the cancelling of stock is only a scare to buy the stock cheap I will get the date of the sale to you when I go over and then send you the result I will know all about it on Wednesday and write you at once the result but don't worry about it they might as well cancel all the stock as that of yours for there was $18100 of the stock issued to me at the same time that your stock was so you see it will not be a easy thing to cancel stock before they find out the fraud that I owe the Co do they send you statements let me know do you get statements of Port Huron road they are in a muddle here and old Beard is playing the devil with the road and doing the worst one two or three times and then don't get it right the road is making money but no more than Beard will fool away if not stopped before long Cherry is in Detroit will be up to night he is having a good time but wants to get back

W H E

Chas Edison
Aug 27, 1899

Y.a.

Port Huron Aug 27th 99

We went over to Sarnia as I told you we were going and of which Father has written you and when the question was put to Symington as to how they could seize your stock for the deficiency if any in Fathers account they admitted that they could not do it all the difference between the accounts is that they do not intend to allow him any Salary or for a large quantity of oak timber that he bought and paid for out of his own money and

put into the road well
now you know they have
got to do it because they
knew just how it stood
when they bought.
but you may be easy
about your stock for
they acknowledged that they
could not touch it they
said that probly in the
course of a few months
they would buy it from
you. and as I said before
the whole thing was hatched
up as a scare in order
to get you discouraged and
sell your stock cheap just
as one. this side I aint going
to write you any about this
road but will put the whole
thing before you when I get
back, write me and let me
know what you think of the
matter

Chauncey

J A E  Aug 31st 1877

Yours Rec'd I was on to Sanua Monday last and the Symington Co's agreed to so that they would at the next meeting discontinue any action to cancel your stock or any stock the stock was all that is 18000 of it was issued to me and then I let Geo App Class Miles & Coleton have their stock just as I let you have yours by transferring it on the book to them and then they got new stock for it I made out my bill for services and material furnished to Com any

claims they can bring against me I told them I would be ready to pay any judgment they could get I will see about the transfer of your stock to them to morrow Saturday

Charly is well and home was to get back

W P E

the Symington told me that they would buy your stock as soon as they could arrange some money matters that they had already and so you might correspond with them on the subject

W P E

Denver 31st August 1899

Mr. A. Edison

Dear Sir.

We have to acknowledge the receipt of your draft for Seventy nine Dollars 79.00 in payment of Certificate five Dollars 5.00 being for interest on joint note given by us for loan of Fifteen Hundred Dollars 1500 dated 2nd Sept. proximo with thanks.

Yours truly

[illegible]

N.Y. Sept 3/77

My Dear Sir
Yours rec'd. The Sarnia matter was duly attended —
I herewith inclose you copy of Russell's letter, which you will doubtless think twice, before taking any action —
Don't know that Gerrit Smith or Bramson or Brown or Wetherby set up the Quad in London or Hay you been connected with this lots like an attempt to scoot a part of Prescott or someone.
I had already sent you a Postal before I thought to send you copy of Russell's letter —
Can you do anything to economize reduction of freight on Black Hills running about 20c per ton —
Can you do without Mercury.
Yours
J. Chaff

Mean there are
two letter words
in Work - used whenever
~~they are pasted~~
the word has been misled.

J. C. Kelly
Sch 3.

[ENCLOSURE]

(Copy)

No 2 Exchange Court.

New York Aug^t 23/77

Mr J. S. Chyrington, Secy

Sarnia

Sir:

Mr Thos A. Edison has consulted me on the subject of your letter to him of the 4th inst. —

I have perused the case submitted to Mr McCleman and his opinion thereon

I am informed that the 120 shares of stock standing in the name of W. P. Edison were duly assigned by him to his Brother Thos A Edison for full value and that the money paid for the same was received and expended by the Company.

It appears to me that Stock Certificates should not have been issued until paid for, and that the Sarnia Street Railway Co. cannot as against a bona fide assignee of the stock claim any benefit or advantage to be derived from their own negligence in the management of their business.

I am instructed by Mr Thos A Edison to inform you that he will contest the proposed action of the Company adverted to in your letter to him.

Yours respy

(signed) R W Raphell

**HURON HOUSE,**

*Huron Avenue.*

*W. AMES, Proprietor.*

Telegraph and Ticket Office in Connection with the House.

*Port Huron, Mich., Sept 2 1877*

Dear Al

I suppose you expected as I said, that I would be back before this. but I have had the ague for the last months and I am just getting well now and as soon as I can arrange some matters I will start I dont think it is necessary for me to write you in regard to Rail Rail but will take the whole thing in and post you up when I come to Mont's business is very good on the road but it aint doing it any good as old beard is squandering it as fast as

**HURON HOUSE,**

*Huron Avenue.*

*W. AMES, Proprietor.*

Telegraph and Ticket Office in Connection with the House.

*Port Huron, Mich., 187*

it can make it I think I can show you some good Specimens of good Management on his part Beard & Wardell is fighting over the Control of the road and beard is running it & wardell is crazy, Beard is rebuilding the whole business and in such a manner that it is not any better than it was before but I will give you full particulars soon

Every body well,

Love to all

Charley

Office of T. & J. S. Symington.

TAILORING, DRY GOODS, AND
CARPET WAREHOUSE,

Zanesville, 3rd Oct 1879.

Mr Thos Edison
New York

Return the same

Mr Sir.

Yours of 29 ult duly rec'd, in reply would say that the Clark Suit is now pending in the Court in Toronto, judgment will be given in a short time expect. As the moment the matter is settled we shall make out a full statement of the affair of the road & this suit. In the first place as you are aware was asked $300 — now the a/c amounts

will amount to probably
(as you) the very refreshment
that we are in a position
to make out a statement
well do so. We may remark
that the world is going
about the same as last
year. Things have been
quiet here.

Yours truly,
Chas. Cummings
Sec'y
Sawyer & Co

LAW OFFICE
CHADWICK & VOORHEIS.
A. E. CHADWICK. GEO. P. VOORHEIS.

Port Huron, Mich. Oct 10th 1877

T. A. Edison Esq
Menlo Park N. J.

Dear Sir:
I have been so busy in Circuit Court & Supreme Court the last month that I have been unable to get at statements. Will forward them in course of week.

Yours truly
Geo. P. Voorheis

**Frank Whipple.**

ATTORNEY AT LAW.

Port Huron, Mich., Oct 12th 1877

T. A. Edison Esq
Menlo Park N.J.

Dear Sir—

On receipt of yours covering check for $112.68 I wrote you acknowledging receipt of the same and asking you to forward to me the notes of the Hammond & Vratiot Railway Co. that you held so that the affairs of the Company could be wound & finally settled since which time I have heard nothing from you.

Will you be kind enough to send them along so that I can wind it up

Truly Yours
Frank Whipple

Pr Huron
Nov 10 '77
Watsell

Port Huron Nov 10/77

J C Edison Esq
Dear Sir

Yours Recd and I note explnn I did not give Mr Sanborn Power of Attorney to receive the Money to pay debts - I loaned it for the benefit of the Road hoping to then see the matter run in a business channel mines - I have superintended the running the road hiring Car & Bridge Builders buying fuel Blacksmithing and generally looking after the stock and mining property - Board & Cole took the management of the work building and repairing and disposed or purchased of all cars under my department - I am sorry to say I cannot agree with them on their part of the work - Board has done most of it and

he has had to do almost every thing he has done over the same time which has cost money — I am willing to have my part of the mining work closely examined and I assure it has been as close and cheap as possible — I will do what you have a detailed statement so that you can see for yourself — Rumsey you & I have all understood each other as we should if we had I should have saved hundreds of dollars and you thousands. Rumsey — death & misrepresentations aside, feel if you pin with time enough for form of G B & A to act in harmony with mine and other parties of his unmistakable dishonesty — I am sorry to inform you Dr P has stood on Sundays and Lazy loafers and is cutting into the earnings of the mine from 14 to 16 dollars per day — Clearly can tell you more than I can write — Dr P's address on the cars talk Bucks off the mark when the mind is right should be in proper hands and fairly represented Bond & the mines fulfill in the whole affair ignorant but statements false or mine — I have done my best accepted my services to make the most for and could have made a very good showing if Bond had not used up so much money in unnecessary lawsuits and wrangling — I will set forth your statement so that you can see what has been done I shall not annoy you with unnecessary and but am ready to answer any questions you may ask

Yours truly

J. Mallett

uuargue[illegible]

CLARK v. SARNIA RAILWAY.—Rule absolute to refer back to arbitrator to find amount due since 5th July, 1875, and to enter a verdict for that amount unless the amount is fixed by the agreement of the parties.

[illegible]

S. Symington,

[illegible]NG, DRY GOODS, AND

CARPET WAREHOUSE,

Sarnia, 23rd Feb 1880

Chas Edison Esq

Dear Sir.

Upon receipt of your notice of clipping out from Toronto paper that the Clark Suit came on there before the judges on 20th inst and that the matter was referred back to arbitrators here to decide amt. of Plff's claim I have proof to show that he is indebted for this amt. unless we decide to appeal the matter or arrange it, we shall do what we can to expedite the matter

Yours very truly
[illegible]

as soon as we get put partners
you ~~[illegible]~~ [illegible] Leaders. and
that let I have the matter
clear up at the earliest
moment. I immediately on
the matter being settled
will advise you fully.

Very truly yours
[illegible]

Dear Bro  Port Huron Dec 5th 1877

Receiving bro letter and the Clippings from the Toronto Paper received I see that bro Clark gets Judgment for freight earned from July 5th to December 1875 but he said the Company for handling the freight from April 1st to December and more than half of this freight was handled by Clark before July 5 so that his Judgment will be less than half the amt that he got suit for so I was more than half right after all

Al Marks is one of the Conductors on the narrow road he told me yesterday that the road was doing better than it had done since it was built - the 2 Cars was running am $20.00 a day besides the Commissions on sale of Tickets and the freight which was a good thing there is no doubt in my mind but they want to buy you out but they dont want to let you know how well the road is a doing for Mr Sexton their lawyer wanted me to write

to you and find out what your
lowest prices also the best terms how
much cash and the bal Gilt Edg paper
I told him I thought they could buy
you stock for what money you put in
with interest at ten per cent from the time
you paid in in he seemed to think a
trade of some kind could be made
but you had better come out here and
look things over about New Years you say
I think you will sell but keep asking
for monthly statements and make them
send them

about the Pt Pleasant road
I know but little about only that
Beard & Wooster are fighting all the
time I think for the benefit of the road
that Beard had better be retained for
he has made some fearful bad mistakes
in rebuilding the roads this last summer
and fall do you get any statements they are
a going to have a meeting to Morrow night
I will try and find out what they propose
to do and let you know all well

W P S

# HURON HOUSE

HURON AVENUE

*W. AMES, Proprietor.*

TELEGRAPH AND TICKET OFFICE IN CONNECTION WITH THE HOUSE.

*Port Huron, Mich.,* 2000 4 1877

Dear Bro

Frank Whipple wants me to give him the two notes due you from the P H & F R R I gave him the amount but he said that would not do I told him I would write you and do as you say he says he wants them so he can settle up all the old RR matters the Vanderbilts have a meeting this Evening

W P E

Shall I let him have them

Port Huron Mich 4/1877

J. W. Edison Esq – Dear Sir

Pursuant to a notice last Evening the parties present James Goulden, James Board, Mr Stewart and Mr Frazier, Mr Parkins did not appear Cole was away in the woods and yourself absent – so that only (4) men present – the meeting was to talk over what Mr Board had done and how we had done it a report was read and accepted and Mr Board talked and acted as if he was the sole owner of the whole and he offered a resolution that Autumn Manhole be chosen to take charge of and offer it as Sec'y and run the machine – @ 20 cts per week – it was discussed and closed by Jimmy Board authority to have a

Manager of the mill – I asked if a statement was made for each stockholder Mr Parks said it took too much time but he would send one to you – I find fault on behalf of Knight merrill about Ben Hamilton's bills for March – and the cargo of the mill as you will see are gone – the expenses have been cut down to the lowest figure & I as far as I have had control have done the best I could working all ways to reduce expenses and never carry Mr Beard caused the 25c price of the last team at night to be cut to 10c which was also unnecessary – prices are given to any one who sees fit and tickets given away freely he sells what he pleases at prices that pain he pleases without asking any question, this mill machinery is the worst stock I ever saw no mechanism or neatness being thought of with few exceptions this work is done over the second time and in some instances the third time – he goes to work without any say and to appear or throw up of work this is about to be started a ditch from St Clair river to the corner of the mill to be put down 5 feet as it passes Wright then in Goshen this was stopped he gave Earl I said money to stop the work since which time he has been at sundry points with me this month if you and I controlled it will mill (H) (G) (S) thousand dollars a year clear I believe or at very lowest estimate (3) thousand and you can see it down that with Beard money it he will not make a dollar Beard is as ignorant as he is imperiment sensitiveness a cunning cleverness education – and is the worst specimen of a man I ever saw

I am not discouraged I believe we shall yet control this road and make some money you and I control this road as far as stock is concerned and we should elect a Board of Directors to suit ourselves and make money if can be done I.P.C promises me the Bro shall be put in shape to satisfy you and I if we could have the road run as it should be square, honest, without the appearance of trickery – and in a business like manner.

I believe the calculation is to drive you or me to sell so that the Control would be out of our hands I will never sell to place either your stock or my own in any other place but to parties if I know it –



I believe you to be a true square man & that I had your confidence in years gone by you and I to day would have made money in this road – I shall rely in position to act with you to use my best endeavors to make the most of our stock, in all cases I have on hand to make true plain statement without reserve to any thing but the truth – and you will find every man in the road speaking J.P. Baxter is ready to do any thing to annoy you or me but have the controlling stock and that is what hurts – but without the control your stock and mine would be worthless –

I remain ever yours and

necessary for me to write you this plain and positive opinion of the affairs of the mail and time will prove that I have been at least honest in all transactions connected with it -

Gratitude Grant Cole. Atkinson. Stewart Sullivan are all mad because they think and know your stock will move Calvos.

I send your last letter to W.P.C. and he said he would write you and offer Cimitas - hopeing you understand me and my position with you in this matter I remain Yrs

H Wartell

Earning of Cars for 13 weeks from Aug 1st to Nov 3d 1863.49
Earning for carrying mail for same time 1217.00
Total Earnings 199099.

Average per day 78 days 255.21

Contra

Wages of men in Connection with Cars per day 75.00
Feed of Horses in Connection with Cars per day 215.25
Oil &c 25
Average cost per day $1.00.00

"over"

Freight

Earnings from March 10th to November 12 $811.67

34 1/2 weeks per week $23.53

Contra

Cost of Food for 3 Horses per week 420

One Mans wages per week 900

Total for Fort Elf $ 1320

Bal in favor of Fort per week $10.33

I give these figures so that you may see their statements will be when you receive these as near as I can judge in many places in statement when the offence of Mulley and is much it should be leaving off and removing old mud which I did he must off

W

Port Huron Mich 10/77

J D Pilkins Esq
Dear Sir

I have asked for a copy of the doc given to Beard & Pardee but have not got it yet, I understand Autumn Marmalade is to take charge of the whole concern he knows nothing of the business but will be an unfortunate on Board - the road is declined to be ruined and unless you pay it debt - I would give two (2) thousand dollars for them for it - and then clear 1500 -

Will you join me in asking for a Receiver for the road and an injunction on the proceed action of Beard. at the meeting last held Beard Stout & Childen only attended my Lawyer told me to be careful unless Sanborn

made is appearance — we do not have any meetings and Beard goes along without any authority — the suits is against the management of the stock we must either lose or win if we can stop Beard we can get make money with the small I think I am right and an injunction is our only safeguard — and we should not delay one minute I want better & continue or any good man — not a man a trade for Beard Grabler Allison & I will stick to you and we are the controlling stock —

I want an honest deal no marked cards in this game

Yours as ever
F. Graeller

You will see out of the Board of directors —

Erlesen
Graeller
Scalem
Cole
Grabler
Beard
Slemmt

Present
Beard
Grabler
Slemmt
Allison & Stockholder and Director

No Quorum — but elite act for all

Port Huron Mar 23/77

O W Ellery Esq. Worcester

Yours received I have asked for Copy of Papers given when loan was obtained but is just have failed to obtain it. There is a great deal of backing and filling and all seem to think they know what they want - I have only this to say that M & B with the Freight and tickets attached and interest offered and with honesty and good commissions to manage it can pay it off and its stockholders will in time get their money back - but with the tickets & freight deducted from the earnings leaving the Cars & Plate of Manufactured they cannot make any money I have elected Supt of the Road and I give the real the length of the Freight as you write me in your letter - the tickets I have had & myself one season was to give better something to do

within a few days I found the big lazy
and spoil the staff of the mind is
of no account - that no weight, and is only
a thing to be used by any one who may
be made by the double - Mr Mountain
is found an blank and Walker ordered
out of the office - the weight thus is
be removed and all is done at the
bidding of any dictator that chose to assume
the whole weight, I have taken the people
out of the cabinet and am about letting
the tickets - the G.T.R.R. arrangement was
but one another out - and will have
nothing to do with a compromise -
I have been called upon to day say what
I will do and am asked to put people
and tickets in office and Mr Mountain set
as Clerk (Mr Cunning) I could not put
them back without violating the Constitution
of Rhen but I must do what is the
best thing for all and myself - I have
been badly treated by my friends but am
willing to do all I can for peace

J. P. Pelham has said he would resign
and get out of the way but if the
shall resign then Rhen for Sallen
or Stewart would take his place and
then I would pro any my steeds
I Pelham will stick to the Pro - &
I and Beard can work together
we can keep the concern out of
the Rhen & Sallen Secret
Combination - if I do not stick
to Beard & Sallen I shall only
be a cipher -

The letter signed by all
McPhillips except myself pro Sallen
& Beard the power to vote the land
of Rhen - I submitted to the back
land of Rhen and they are land
over but feel sorry the day - if I am
Rhen not entirely Rhen would
be use of them and with them in
the West I would not want a place
I think I could have seen for to
fill with you but I shall do

the best I can for you and my self
I am innocent of any
intended wrong to get an Quakes and working
against this H.R. which I assure
you is all untrue, I have nothing to
do with it and know nothing
about it — I was as much surprised
as any one when it came
to pass as of course Pot runs
a Bagger happen in company
and he being at the Hanover house
picks up a great deal that he
could not get — he has so far
had all the Chartered and Open
Wrapes that there has been this matter —
I am thankful for the omnibus but
I have nothing to do with it in any
way —

4



if you think best write Salem your
letter and if you have any thing to
offer to exculpate us I prove am ready
to act — I am sick at heart and
have had I been let alone to myself
all of the most I could have said
at least money enough to have found
the Debtors or not been — I have
come to the conclusion this made
Enemies to many owners and many
them some men who have lost a
small sum of honesty — I mean
Stand. Fraudulent & Illusion —
I be serious
and annoyed as I have been I cannot
write not — my record is clear
and you you know and I know it
but you will find me as ever ready
for you as I can for my self
Yr Truly

# HURON HOUSE,

HURON AVENUE.

W. AMES, Proprietor.

TELEGRAPH AND TICKET OFFICE IN CONNECTION WITH THE HOUSE.

Port Huron, Mich., Dec 30 1877

Dear Bro

What is the
prospects of you coming
out here this winter I think
you had better come if
you come I think you
can sell your Burnin Stove
they dont want to make a
offer but I think you will
make a deal with them
if you were here I see
~~at~~ Al Marks the Conductor
yesterday they are running
the big Car and he told
me that he was running
$70.00 a day with one Car
but did not want me to say
any thing about as they told

not to let any one know
what they were a doing
so you see what the con is
running and ad the one
on Tickets & the freight
the road is paying big
did you get a statement
yet the Grand road is
a doing well but badly
managed but I think
after the March meeting
things will be in better
shape that is if Jno Bend
Goulde & Stewart can be
ousted. and which I think
they will be or at least they
should be as there will be
no harmony with them in
side doubt fail to answer

all well

W P C

P.M.
11-26-1881

T. A. Edison Esq

Dear Sir

Immediately after you left the old board of directors appointed an auditor to go into the whole affairs of the construction of the Sarnia Road that it would be more satisfactory to the shareholders in Port Huron for them to appoint an auditor to go into the affairs of the road also by the auditor appointed by the board I as Secretary wrote Wm P Edison suggesting the desirability of sending over an auditor to go into the whole matter in conjunction with the auditor appointed by the board he sent over Mr Bonner who acted as Sec for the Co for some time and who thoroughly understood the

whole affairs of the road the result was they found found W.P.Edison as Constructor of the road very much behind a statement of which we will enclose we may say that the separate audits made by Bonner and Smith the latter appointed by the ~~Board~~ ~~and~~ Share holders on this side agreed within a few dollars although the Audits were made according to the Ideas ~~of each~~ of them in a different way the result is there has been several meetings ~~of the~~ shareholders held since the audit and apparently no settlement can be come to. at the last meeting which was held just a week ago there was a unanimous resolution to

[ON BACK OF PRECEDING PAGE]

with Condition 1.6 MF
Ro 1 with the Cover on —

throw the whole into chancery
to compell W.P. Edison to pay
up the difference and before
doing so as we know you are
interested in the road we decided
to write to you and let you
know the whole position the stands
of the stock assigned to us in
W.P. Edison's name 80 shares and
40 shares besides which the directors
some time ago passed a resolution
preventing him assigning pending
a suit going on just now in
Toronto brought by W.B. Clark
through some misunderstanding about
the freight between Clark and
Edison the suit before being decided
will cost about $1000 with expenses, Now before
doing anything as we said before we decided
to lay the whole matter before you

& if you are not to be here within a week would suggest that you have your attorney in Port Huron come over and look into the matter, with our attorney — It will be necessary that the matter should be put in shape at once, as soon as you decide and are thoroughly satisfied with the position of the affairs of the road — We will if possible buy and make a proposition to you which may offer a solution of a very mixed and unsatisfactory position of the road at the present time — We may say that the whole road was in such a very unsatisfactory & ragged state when we took hold of it that what with repairs & new horses the road even since we took hold of it is very much behind. We have had to pay the old debts of the road and advance funds since we took hold of it to keep things running which if the Port Huron stock had paid up

would not have been necessary - Now we trust you will give this subject of this your immediate attention, and either come up yourself or appoint your attorney to go into this matter along with our Solicitor, We may remark that we have taken the carrying of the freight from Pt Edwards & have had to get a freight car on land on at a cost of $200. & hope to be able to make something out of it.

Of one thing we are certain that the settlements & profits we heard so much about before investing in the Road was just simply bosh. If the road is economically & carefully managed it will pay a fair interest after all its debts are paid - According to the auditors account there is about 5000 which C O P Edum or his

Stock will have to pay. We await your reply & trust you will not lose a moment in replying to this.

Yours P.S. & S. Lyung Lin

P.S. We trust you will not lose one moment in replying to this, there has been so procrastination on the part of your brother that although the parties interested are averse to any law at the same time the matter cannot be settled without without them law it must & will be. We may just mention a resolution preventing Mr E from transferring his stock was passed by the ALCL Co and long before we had anything to do with it & had we not taken hold of it when we did it would have been hopelessly bankrupt long ago & the money we have advanced & are "piling" out of we propose to have arranged without delay. ! J.S.S.

J. S. Johnson
J. W. K.

Dear Bro

Wastell letter is received I think the trouble is after the consolidation was perfected it was a question who should be the Vanderbilt of the Pittsburgh Railway. Washell or John Cole and Wastell was the victor so of Course Cole was mad and then began to through Cold water on every thing that Wastell did in the way of management Wastell thought as I did that what little work we had to do was to do it by the day and do a good job but Cole and his Friends thought different and wanted to make work by the job the principal is

rights to let any job of any
~~contract~~ by the job but as our work
was so late work ~~they~~ wont to
small to job our said it was
to the interest of the Company
to do the work by the day
you know what I think of
Weather but in this matter
I think he is right I had
a talk with him to day and
he thinks if I had your proxy
and with his stock we could
control and should Mr Cole
& Beard try to do something which
we thought was not to the
interest of the road we could
call a stock holders meeting
and put a stop to it we could
do so but ~~I~~ need your own
judement in the matter you can
send me the Proxy or to any one
else but I think you should be
represented here by some one him

should you send me
a Proxy date in March
the 10th 1877 I will send
you the statements of both
roads up to the first of July
business is dull but both
roads are making a
little money

I sent you statement of
the cost of Donna road
in Dec 1875 see if you can
find it and send it to me
this will tell he is coming
home we want to see him
All well

WPC

Ya C.

Go show and send me the date I transferred the 120 shares of stock to you and I will send you a note signed as secretary for I was sick when I sold you the stock also send me a copy of a note and I will copy on and send back to you so you want it made out what they will try is to make out that you do not own the stock because you did not get it transferred on the books

[illegible]

W. P. Edison

W. Vanderbilt Esq

Dear Sir

At the meeting held by the directors of the R.R. – I was very anxious to impress them with the fact that it needed a man of some good ideas and position in Company to make them pay – to make a good job – and Mr Webb informed me he had secured your good will to keep them off the R.R. – I supposed he got it by the usual bribes and appeals to Webb – I did not know, a word said respecting you in any way – I said I thought you could be of more service in your ideas of multiplying the currency than any one else – and expressed myself to in the meeting – the fact is there is a strong feeling against me –

and I have made up my mind that the roads to going to be run in a business manner again - I can see no obstacle of the passing opinion - If it is present time I go to

To
Hon. Jos. Ellis Carlisle
with Parson Eating
wife

[INCOMPLETE]

W Wasteca

And every day brings more and more proof of the lazy, fogy that has been, why or what is going on in the Department — Mr Blair told me last night there was not a dollar in the Treasury — the last day he issued 114 and he must start on a note the contract at the Saving Bank for fear to pay Mitchell & Cooley lawyers employed by A.P.M. — which will be due the first week next saturday night I do not know — they got tired of pay last week.

The road is mining behind every day you may believe me or not — just as you please. I defy Mr Colfax or any one else to show it the contrary — I am called upon to call a meeting to elect officers of the road which cost I do not.

[INCOMPLETE]

Westell

to use your own words My brother owned no stock in the road and gave nothing relative to the matter except his superintendence —

In the fact he has had all to do with it and state does, the only position he does not fill is in the first place pay for Money is needed in their position he is and always was a Hard miser resisted by some one outside. Mr Sir this is no trifling matter I speak of in earnest and tell me he was done I did not say much to him as I wish to write a some

I enclose you some accounts, such as I pass every day of you should see them or please

W. Mueller

[INCOMPLETE]

benefit through the increased prosperity of the said party of the first part, they being interested in the same; Therefore be it agreed that for and in consideration of the sum of one dollar in hand paid to each of the said parties of the second and third parts by the said party of the first part the receipt of which is hereby acknowledged, the said parties of the second and third part, do hereby transfer and convey to the said party of the first part all their right title interest in and to the sale of Railway tickets of every character in the said city of Port Hunniton for the sole use and benefit of the said party of the first part, and it is further agreed that they the said parties of the second and third parts, will cooperate, protect and assist the said party of the first part in retaining for itself such exclusive rights for the sale of such tickets as is now held by them.

&c &c

Witness

Horse Race
R Road
1877

Record

Bought old Sorrel mare of Wm P. Elkins for $25 put her in place of gain = sold gain for $150. to A J Stebbins —

Bought old mared for $50 put her in place black Mare (clark) sold her to Patent Medicine Man for $125 =

McCaffety sent Wantell "old big horse" worth $40. put him in place of Dutchman.

Sold Dutchman back to the C for $150.

Put old Frick horse in place of paddy Sold Paddy to C. Smith for $150.

Profit to Wantell from $300 to 350.

MEMORANDUM.

From This is what we owe | Paid in ten days 187

old bills | 30

| | | 3 months |
|---|---|---|
| Stateroy good for | | $ 10.00 |
| McCagan | | 5.00 |
| Robt Hastup | old bill | 50.00 |
| Jo Swamy | note | 2.00 |
| C Elmore | old bill | 3.20 |
| J R Gannill | " | 7.80 |
| Murphy advertising for one year | | 46.00 |
| Labor 2 weeks should be one half | | 123.70 |
| | $32.00 | 13.34 |
| | | 122.36 |

Pd out more than I owe in ten days after meal

Amt of Pay roll in ten days

## 1877. Telegraph - General (D-77-017)

Correspondence, some by Edison; agreements, receipt, newspaper clipping.

The following notation, written by an archivist, appears on many of the documents: "Used in law suit: Edison vs. A & P and Domestic Telegraph Co. Apr. 1878."

All selected.

OFFICE PHILA. INQUIRER
JAN 10 1877
WASHINGTON D.C.

My Dear

I enclose a copy of the
art you desire –

There are two sides, if not more
to history of A & P & auto – Without
going into past you must admit
first that A & P have put about
$2,000,000 into auto –

Second – the present entry has not
been unmanned by its utility

Third – If they are not shown how to
make it serve them money more than
it does now, they will not pay another
cent out with or guise as it other
loss –

Fourth – That if you or Reid or both
can get a reasonable sum of money

2

out of it by you expending a little time & labor on it with A & P. Then it would be better to do it, than to abandon it to be devoured by bungers & thrown into disuse by newer things —

Fifth. That with two rival companies to rid on your future inventions they will bring you more money than with just one Skyrock in the field who has publicly & privately for years heralded you as "a thief & pretender"

Now put a price on your new perpetual perpetual motion & let me make a raise for the honor in it. And make a d——d fool of yourself by accepting the proposition

W H Pamelee

Dear Sir confidential

OFFICE PUBLIC INQUIRER
JAN 14 1877
WASHINGTON, D.C.

I have personal acquaintance & some influence with him, how long a price do you want?

Get an option on Reiff's interest in ~~[illegible]~~ Auto's! as hard for retes-money - (or stock A & P) don't part with your repeater till we get auto realized on, get that option & I'll put you on your feet

J. Thos Mullen

in short time. This is
business!
I talked last night over
2½ miles on-line with
Bells new inst. It is a
marvel! Come over & see
it, & other things of yours
which need attention.

Yours
W. Parish

OFFICE PHILA INQUIRER
JAN 25 1877
WASHINGTON, D.C.

My Dear Sir

I have made some little progress with the dull tools you left behind, and satisfied that only Edison's practical work will ever put enough value in it to do anybody any good. I have been over the ground thoroughly. "100" has run the knife deep into you while you were taking down your clothes before him —

Yours truly
T. A. Edison

OFFICE PHILA INQUIRER
JAN 31 1877
WASHINGTON, D.C.

My Dear

You remind me of "the boy stood on the burning deck when all but he had fled"!!! Much obliged for note, I'll realize on it & use for "common weal". You said you would see when R would come & let me know. I am satisfied that nothing can be put out of a D.T. (for auto) except you go & set it up on its legs & make it walk – now the thing to do, is to take advantage of



the situation & get an option on all the rest (finished) in its present name: (which is awfully low down, down where Little sold) then put in the best with you genius to bring it up, & ~~then~~ we can get something that will do somehow, some point! Let Riff settle with his creditors on the basis of what there is to-day. & what is made to-morrow begins what you & I need we can settle ~~on~~ on the Phil'a fill! So he will have a home to go to, which he has not now

It is not likely to have if allowed to have his own way. The advice you gave him one night two years ago when we were in Newark was, to "go about", & "make fresh start." Was sound then. It is sound now.

You do not put a price on your new perspective respecting! Is it in condition where you can do so?

Yours truly
W. H. Davies

Come over here & stay a day or two it will pay you! WHD

[January 31] 1887

Don't fail to write or
see me bring suggestion
as to Roman etc –
An immediate something
may be result
Strange notions take possession of
people.
Yr JCR

Blank No. 1.

**THE WESTERN UNION TELEGRAPH COMPANY.**

The rules of this Company require that all messages received for transmission, shall be subject to the Terms stated of the Company, below and subject to the conditions printed thereon, which conditions have been agreed to by the sender of the following message.

WILLIAM ORTON, Pres't. } NEW YORK.
A. B. BREWER, Sec'y.

Dated New York Feb 3 1887

Received at Menlo Park

To Edison

Reads like a novel
unanswerably true – must have
good effect
J. C. Reif
for D.H. Pass

[FROM JOSIAH C. REIFF]

Feby 1877
cont.

Nyf. Feby 3/77

My dear Edison.

To say I am delighted with the letter to J.G. a copy of which you sent me, would but illy express my appreciation. I can only wish it had been dated many months ago. You have done yourself credit & me a great service. It will in my judgment bring ship to you. You evidently need another letter from J.G. probably he will it after receiving mine. Regarding the stock, I will say in first. Suffice it to say when the matter reaches a point where it will do any good I do not wish you to be found ready to act hastily

OFFICE PHILA. INQUIRER
FEB 4 1877
WASHINGTON, D.C.

confidential –

My Dear

I may be a "from note", now but it can't be any worse than when I took hold at first & for I go & I JE in – You know if my advice had been taken by Reiff we would have got away with our shares by Lengo – Why can't you come over here for a day or so? you can fix things up – no one else can – Reiff can't! you or I or he will not live to see the end of a lawsuit on it: I want something now, not ten years hence –

Are you going to give me a price for your reputation? yours

Yours Patrick

OFFICE DIRECT INQUIRER
FEB 7 1877
WASHINGTON, D.C.

My dear Pope –

I has advised
you to send for you & E & see
if anything can be done. But –
he seems so worried over
Sam Mills & thinks that he is
not now in condition to do
anything – He can't write in
jail if he desires to do so; the end is
not yet –

I & R G, encouraged to state the case
to point on Rio Grande" – & gives
his 10 yrs instead of 5 – now pass to
House – Best wishes &c

This looks better
Here is a complete
of resolution in
app. rif-made
would give you
big field for future -
so go along on
that word work.
If which tends a little
hard within a few
days would double
the hour you could
hundred which
along so you will
not be behindhand
in WW.

W H Burke
Feb 21, 1899

Blank No. 1.

# THE WESTERN UNION TELEGRAPH COMPANY.

The rules of this Company require that all messages received for transmission, shall be written on the printed blanks of the Company, under and subject to the conditions printed thereon, which conditions have been agreed to by the acceptance of the following message.

WILLIAM ORTON, Pres't; A. R. BREWER, Sec'y, NEW YORK.

Dated New York Feb. 19th 1877

Received at Menlo Park

To Thos A. Edison

Young Mr Porter took the equipment home on Saturday, and being sick has not been down today. Can you not delay your visit until Wednesday - send me word what hour you will be here.

R. P. Lowrey

57 Dth

John H. Porter
Lorenzo P. Lowrey
Geo. Wales Soren
Ch. Francis Stone
George S. Hamlin

P.O. Box 1836

Porter, Lowrey, Soren & Stone.
Attorneys & Counsellors at Law.
No. 3 Broad Street. (DREXEL BUILDING.)

New York, Apr. 10th 1877

My dear Mr Edison

Please do not forget the hearing of the Q.&P. case in the Superior Court Special Term on Thursday at 10½ o'clock –

I do not think the Q.&P. want you as a witness, but if you are not there they will make a strong point of having been unable to get you & will seek a postponement on that ground –

Yours

G. P. Lowrey

J. C. REIFF.*

Confidential

No. 52 BROADWAY,

New York, Apr 12th 1877

My dear J.A.

I have offered everything possible to meet the views of L. who of influence, O. but he (L) has insisted only within last few days, that we shall absolutely transfer as prerequisite, Case H. leaving the contest still hgs on as to whether Case A + 99 are the same etc. reflection, we have the title etc as against Wescott.

Of course pointed to agree to deed, but as it was necessary to get the signatures of all our people for an actual transfer it was impracticable unless I could show them they were kept at something sure.

But they insist on having it now. Say we have nothing else they can go for that there is no way we can assist them — they also admit that case involves the whole case thence

their anxiety to get the actual
title, & without real consideration —
The fact is they gained almost
all they wanted when they
induced you to sign your contract
for the future, without insisting
as a consideration that all our
matters certainly and Quad
should be fixed —

I fear I should you so
I see no other course than
to show our case in Court
in the ad[illegible] suit against W.U. —
They will then see that I is not
altogether right, they will much
to make the arrangement with us.
I have sincerely tried to come to the
but they simply spurn us for the
best. Being in possession of Quad
only having your cooperation which they
value very highly. I will not give up yet.
You will see my Representative — Yours S.C.R.

S. C. Reid
Oct 12th 1874

they will respect Reid's Rights many days

TYPESCRIPT FROM E 847, A BOX OF MATERIAL ASSEMBLED BY WILLIAM H. MEADOWCROFT
LOCATION OF ORIGINAL UNKNOWN

Apl. 20/77

G. B. Prescott, Esq.,

Dear Sir:

It occurs to me to suggest that Clark, who succeeded Edison, as manager of the Harrington-Edison or "American Telegraph Works" shop at Newark, might throw a good deal of light on the business relations of H and E on and after the winter of 1871-2. I have understood that Clark was very shabbily treated by both H and E, and I should think that you might show by Clark that Edison substantially withdrew from the Telegraph Works and started an independent shop on his own account in 1872.

I received a note from Edison in the fall or winter of 1871-2, intimating that he was very much disgusted with his Harrington associates and that he would have nothing more to do with them, and at about the same time Edison told me that he had been told by some gentleman in the Custom house that Harrington was a great scoundrel, and he scolded me for bringing him in contact with, as he expressed it "such a fraud".

I went frequently to Edison's new shop, after he gave up his connection with Harrington's "Telegraph Works" shop, and on several occasions Edison told me that the establishment was wholly his own, and when he spoke of the Harrington

TYPESCRIPT FROM E 847, A BOX OF MATERIAL ASSEMBLED BY WILLIAM H. MEADOWCROFT
LOCATION OF ORIGINAL UNKNOWN

people, his remarks implied that he thought they combined folly and knavery in about equal proportions.

After the Automatic Co. was formed, Harrington and Reiff formed a private Ring, consisting of themselves and Parsons, the Nursery man of Huaking and Mc Manus, Syfert, etc. and a Mr. Dallet and probably others, of Philadelphia, and Harrington got large sums of money out of these people by pretending that Edison had made and would make very valuable inventions in Telegraphy , and that these inventions, as provided under the Harrington-Edison contracts, would be sold to the Automatic Co. or to other parties, for the joint interest of the Ring, and I have been told that each party putting in $1 was to have at least $3 out of the proceeds, and whilst the Harrington party told me in Dec. 1874, that Quadruplex inventions of Edison belonged to their Automatic Ring, and the receipts from the Quadruplex patents would be classed as a part of the outcome of the Automatic system, yet, I have understood from Harrington's Ring associates, that Edison personally received from Gould all that was paid for the Quadruplex and that this was demanded by Edison and conceded by Harrington, and this fact was made, so I have been informed, one of the grounds of extreme dissatisfaction on the part of Harrington's Ring associates. Some of them have told me that Harrington said he was forced to assent to Edison's receiving all the proceeds of the sale of the Quadruplex patents to Gould, and that whilst Gould paid Harrington a

TYPESCRIPT FROM E 847, A BOX OF MATERIAL ASSEMBLED BY WILLIAM H. MEADOWCROFT
LOCATION OF ORIGINAL UNKNOWN

large sum of stock or money, it was all on account of his interest in the Edison Automatic Patents. Reiff has shown me a copy of the bill of sale made by Harrington to Gould and calling for, I think, $40,000 shares of the A. & P. Stock but I do not recollect to have seen in it any allusion to the Quadruplex patents.

Parsons is a great friend of Harringtons, but I regard him as a very intelligent, square man, and I have no doubt he would say that he and his associates of the Ring got nothing out of the $30,000 (if that was the sum) paid by Gould to Edison, for the Quadruplex patents.

I do not believe that Edison ever received from Harrington one dollar in aid, specially, of the Quadruplex invention previous to Edison's sale of it to Gould.

Neither do I believe that Harrington, Reiff, or any of the Ring of shysters expected to receive a penny from the invention or patents, except, possibly, Harrington and Reiff for a few days only just preceding the transactions between Edison and Gould, when Reiff told me that the Quadruplex patents were to come in as a part of the proceeds of Automatic Telegraphy and he urged this view upon me to induce me to assent to an amicable settlement of my claims against the Harrington party. But I conclude that finally Edison refused to permit the Quadruplex invention to be ~~[illegible]~~ counted in as part of the Automatic interest.

Truly Yours

D. H. C.

TYPESCRIPT FROM E 847, A BOX OF MATERIAL ASSEMBLED BY WILLIAM H. MEADOWCROFT
LOCATION OF ORIGINAL UNKNOWN

Mr. Craig's intimate business relations commenced with Edison some months before Harrington became connected with Automatic Telegraphy, or even knew of Edison. Mr. Craig conducted the negotiations with Edison which culminated in the agreement between Harrington and Edison, in which it was understood by Harrington, Edison and myself, I was to be a third partner.

Nothing was ever said, or, I am confident, ever thought of Duplex or Quadruplex Telegraphy, either as a matter to be worked up for ourselves or others. Machinery for automatic telegraphy was what was prominently, and as far as I know, exclusively, upon all our minds, between Nov. 1870 and the summer or fall of 1871, at which time I discovered on the part of Harrington and Edison such evidences of bad faith if not palpable dishonesty, that I withdrew from them so far as intimate friendly and personal relations were concerned, and those relations have never since been resumed .

The paper in which Harrington contracted to let me in formally as a partner with him and Edison, was surrendered to Harrington, about July 1871 on his false representations to me. I was one of the incorporators and a member of the Executive Committee of the Automatic Co., which was formed of Harrington's personal friends about the first of January 1871, but Harrington carefully kep all knowledge of the meetings from me, and I never attended any one after the first one to organize the Company.

TYPESCRIPT FROM E 847, A BOX OF MATERIAL ASSEMBLED BY WILLIAM H. MEADOWCROFT
LOCATION OF ORIGINAL UNKNOWN

I have a suit against Harrington and Edison for the purpose, among other things, to restrain them from making any transfer of any of the inventions covered by the agreements between Edison and Harrington, and Russell, who now acts with Wheeler, drew the complaint, and told me that all of Edisons and Harrington's inventions belonged to me or my assigns, as parties owning or interested in the Automatic Co., and I received repeated oral and written assurances from Harrington to that effect.

Russell subsequently flopped over on to the Harrington Edison side, and undertook to hold and does yet hold in spite of the order or command of the court, valuable papers in the case, belonging to me. My regular counsel, Mr. Field of 4 Pine Street, has recently, by order of the court, been substituted in the case, and I expect and intend to have it tried in May, and I confidently expect to have all of Edison's and Harrington's sharp practices in connection with the inventions made under the Harrington-Edison contract ripped up.

It is totally false that Harrington and his associates did not know what Edison and Prescott were about, from first to last, and Harrington, and I think others of his associates, told me in the fall of 1874 that Edison had given them formal notice that they must advance him $10,000, or that he should assign his Quadruplex interests to the W. U. Co., as Mr. Orton was ready to advance him the money, and the Harrington people subsequently informed me that they could not raise the money, and I understanding from them

TYPESCRIPT FROM E 847, A BOX OF MATERIAL ASSEMBLED BY WILLIAM H. MEADOWCROFT
LOCATION OF ORIGINAL UNKNOWN

from them that Edison had consummated the arrangement with Orton.

About the first of January, 1875, Reiff, Sec'y of the Automatic Co. , and Harrington's Right Bower in all sharp tricks, told me that it was agreed that the Edison Quadruplex should not go to the W. U. Co. or Prescott, but should be classed under automatic inventions, and make a portion of the outfit of Automatic Telegraphy, which he said was to be turned over to Gould for the A & P. Co. for forty thousand shares of the A. & P . stock, of which he said, 1/8th would come to me for my interests. But not one share was ever paid to me, and my best judgment is that Gould, Edison, Harrington and Reiff were all a miserable set of swindling knaves.

The trick of withdrawing Edison's applications for patents to issue in his and Prescott's name, and also the trick of making a new application for patent to issue to Edison and Harrington, was concocted by Russell and Reiff and Edison , to which, however, Russell told me Edison hung off for some time. This whole trick was concocted some time after Harrington had fled from the country, with, as reported, over $100,000 of Gould's money. All of Harrington's associates allege that Harrington and Gould have swindled them out of all their interests except Edison and Reiff, who are alleged to have received from Gould or the A. & P. Co. about $30,000 each.

Probably I might be a good deal more but this is about all I think of legal or personal interest to Mr. Prescott.

3. D. H. C.

TYPESCRIPT FROM E 847, A BOX OF MATERIAL ASSEMBLED BY WILLIAM H. MEADOWCROFT
LOCATION OF ORIGINAL UNKNOWN

Put in steam Duplex.

First had notice of 1871 - in early Jan. 1875 got it from record. Cannot tell when first knew of existence of 1870 think not till it was put on record.

As to hearing it was not fair, did not know thought he had an interest - knew he had invented things which they had patented had no idea that he was under any continuing obligation. all improved exhibits - Murray Statement

Newark April 25th

T. A. Edison Esq

Dear Sir —

I have succeeded in getting your trial adjourned to the fifth (5th) day of May at 10. A.M., at which time it will be tried I think without fail should it be postponed I will let you know —

When you were here you promised to send me ten or fifteen dollars as soon as you returned home to on account of costs — but I have failed to hear from you in regard thereto. You will please comply with my request and let me hear from you

A. Manners
Aug 25, 1877

By return mail with amount
enclosed oblige
Yours

A. Manners
240 Market St
Newark
N. Jersey

5

Newark April 20 1883

T. A Edison Esq

Dear Sir

If you cannot find time to give your business your personal attention you must find no fault with me if judgment goes against you I have now already postponed it, so that I am afraid it will be impossible to get any more. You had better be here in the morning Saturday and if we can get a postponement we will, then if an affidavit is required you will be here to make it. We might possibly get an adjournment by paying the costs — I will do the best I can for you, having done

that I can do no more —
I think the New York Courts
hold, no session on Saturday
do they — Be on hand in time
and we will do the best we
can

Yrs —
A. Manners
2140 Market St

A. Manners
Oct 30 '77

Newark May 2 1877

T. A. Edison Esq

Dear Sir —

I received this R.M. through your agent — Geo Allard for which please accept thanks: —

Your cause is set down for Saturday of this week (May 5th) at 10 A.M. Please be on hand at that time with all your witnesses, and we will beat them if we can — If you have got the brief ~~you~~ prepared you were talking about, I wish you would send it to me, so that I could examine it, before I went into Court — Be on hand in time & oblige

Yours

A. Manners

940 Market St

Newark N.J.

Newark May 2 1877

Received of T A Edison Ten Dollars for costs in suit of Gould vs Edison

A. Mannors

Newark, N.J., May 2nd 1877

Western Union Tel Co

Bought of J. J. MURRAY,

MANUFACTURER OF

Telegraph Instruments,

Nos. 10 & 12 WARD STREET.

| | | | | | | |
|---|---|---|---|---|---|---|
| | 1 Set Patterns for Edisons Embossing & Translating Inst | | $ 75 | | | |

Rec'd Rec'd pay of J. J. Murray

Geo B Prescott

Electrician

Mr Prescott.
Told Mr Murray that I would want the patterns which were necessary to build the 1/2 dozen Embossers, instruments at the price as each instrument cost but just the amount of time & trouble required to build them

May 3. 1877

B 238

April 4th
1877

$75—

Received from J. R. Van Buren
Auditor, Sept. 1878.

Aug 24th 78

9 20 am

D C Kelly
Troy, May 3, 1872

May 3/72

Dear Tom —

There is
Coolidge doing quite
well at [illegible]
hasn't [illegible] yet
[illegible]
[illegible] when you have
[illegible]
Still [illegible]
about [illegible]
We have [illegible]
[illegible]
[illegible]
the contract which [illegible]
to either to run or break
the patent by [illegible]

[illegible] so there is nothing
new in anything we
have done.
The mud will not be one
[illegible] but
nuts to Arthur, Hope &
all the other gents who
[illegible] & failed in their own
[illegible]
The morning Press
as usual wind in
preserving your reputation
as an Electrician, as in
getting money thro the
mill —
Friend Dickinson can be heard
[illegible] in thunder sound
Hence bold you [illegible]
[illegible] and have to reflect

on your ability, or [illegible] the
Patents &c —
It is too late - He has shown
his hand - B.F.B. is not yet
through with him
Will be at my office until 1/4 of 11 —

Yours
C.N.

The Electro Chemical M'f'g Co.

THOS. A. EDISON, President. E. H. JOHNSON, Sec'y, Treas. & Gen'l Manager.

52 BROADWAY.

New York, May 10th 1877.

My Dear Edison

The Wd. have attached Reiff in a low mean Cowardly Manner - after Otto & Lowrey almost professing to LOVE him - They are producing all sorts of things & letters to destroy his Credibility by putting upon them false Construction. They have already made it appear that you & he have contradicted each Other about some payment - Reiff was taken very sick in Phila Sunday & Only got back to NY. ~~last~~ Yesterday - & went on the Stand today in a Miserable Condition - to be subjected to the

(Reg 10 1877)

The Electro Chemical M'f'g Co.

THOS. A. EDISON, President. E. H. JOHNSON, Sec'y, Treas. & Gen'l Manager.

52 BROADWAY.

New York, 187

Sort of thing - It becomes now your imperative duty to come Over & see him & not longer absent yourself to the great advantage of the Wd. & Consequent disadvantage of the man who has been a better friend to you than the Wd. Ever has or Ever will be. ~~So~~

Your desire for neutrality is commendable Within Certain limits - Beyond those limits you will be Compelled to take Sides whether you will or not - Your absenting yourself at all times Except when Called for by some Wd. hardy has already placed you in their Ranks If Reiff

# The Electro Chemical M'f'g Co.

THOS. A. EDISON, President. E. H. JOHNSON, Sec'y, Treas. & Gen'l Manager.

52 BROADWAY.

New York, 187

Suffers at your hands
You will never Earn
Enough from the W.U.
to Compensate you for
it - If it was simply a
Question of his losing or
Winning this suit - that
Would be One thing - but
it has got beyond
that

Yours Very Truly
E H Johnson

Corman, Mich.

OFFICE OF THE

**Fire Alarm and Police Telegraph,**

BRENHAM PLACE.

San Francisco May 11th 1877

Friend Tom

Will you please send me C.O.D any published work on Fire Alarm Telegraphy, cannot find anything here What System is in use in N.Y.? Few other questions might ask you but this will do, Suppose your time is too Valuable, therefore will not trespass further. If you will kindly oblige me by forwarding the above (if there is any) I'll be very much your debtor.

Yours Truly
John Carran
"Wandering Refugee"

Address
Sapt 7 A + P.O.
S.F.

J. C. REIFF.

No. 52 BROADWAY.

New York, May 28th 1879

Dear Edison. You are needed as witness on Tuesday morg next @ 11 am & Genl Butler desires that you will come over early enough so as to meet him @ 5th ave Hotel say about 9.30 to have a chat & ride down with him -

Please let me know on Monday (if not in town today) that you receive this & will attend to it.

I understand we propose that Farmer be stand Monday.

Scott Smith says you is not a working Quadruplex with the differential & Motor system of stations & the Cadman is used by Steam. ~~I guess~~ the Edison Quad. aint of much use yet.

Yr J. C. R.

ELECTRIC PEN AND DUPLICATING PRESS

GEO. H. BLISS, Genl Mgrs
220 MINER ST. CHICAGO, ILL.

E. T. GILMLAND,
Gen: Eastern Agent

20 NEW CHURCH ST.

NEW YORK _____ 1877.

Dear Sir.

As [illegible]
[illegible] remain
& call on Geo. Bliss
[illegible] Monday —
This may possibly [illegible]
[illegible]
Will you meet me at
[illegible] @ 6 or 6 30 —
If so send me word
to 52 Broadway where I shall
be until 3 30 —

[illegible]

J. C. REIFF,

No. 52 BROADWAY.

New York, May 21 1877

Dear Edison. Genl Butler wishes you to be on hand nine tomorrow.
I told him it was not necessary to subpoena you.

Mr. is contradicting you outright.
His examination is not yet over —

Don't fail to be on hand.
If you will come in early enough to go down to the Hotel before 9 am, the Genl may probably excuse you for part of the day.

Yrs J C Reiff

Blank No. 1.

# THE WESTERN UNION TELEGRAPH COMPANY.

The rules of this Company require that all messages received for transmission, shall be written on its blanks bearing date of the Company, hereof, and subject to the conditions printed thereon, which conditions have been agreed to by the sender of the following message.

WILLIAM ORTON, Pres't. | New York.
A. B. BREWER, Sec'y.

Dated New York May 22 1877

Received at Menlo Park

To T. A. Edison

You must meet the party at Fifth Ave Hotel tonight - sure - Telegraph him at once the hour you will be there

J. C. Duff

J C Ruff
May 22 77

J.C. Ruff
Astor House N.Y.
Edison Electric
Adams

J C Reff
May 22. 77

My dear Edison –

As soon as you come in, please come at once to my office & read over carefully the Evidence of Orm of Friday last –

~~[illegible]~~

Gene Butler wishes to see you particularly & desires that you go up to the 5th Ave Hotel to meet him, after adjournment

Blank No. 2.

# THE WESTERN UNION TELEGRAPH COMPANY.

ALL MESSAGES TAKEN BY THIS COMPANY SUBJECT TO THE FOLLOWING TERMS:

To guard against mistakes or delays, the sender of a message should order it repeated; that is, to be sent back to the place from which it is sent, to the place of delivery, for comparison; for which a charge is exacted in addition. It is agreed between the sender of the following message and the Company, that said Company shall not be liable for mistakes or delays in the transmission or delivery, or for non-delivery, of any unrepeated message, beyond the sum of fifty times the amount paid for the transmission of such message, nor for mistakes or delays in the transmission or delivery, or for non-delivery, of any repeated message beyond fifty times the amount paid for the transmission of such message, nor for mistakes or delays arising from the negligence or default of other companies, nor for mistakes or delays in other or subsequent messages.

A. R. BREWER, Secretary.

And that the Company is hereby made the agent of the sender, without liability, to forward any message over the lines of other companies when necessary to reach the office of destination.

Claims for loss in the transmission or damage to any property in the lines of this Company, can be entered upon receipt by writing, stating agreed amount of risk, and payment of premium thereon at the rate of one dollar per mile, and one dollar for each transfer, in addition to the usual charge for any distance not exceeding 1,000 miles, and two per cent. for all greater distances. No employee of the Company is authorized to vary the foregoing.

Repeated messages will be delivered only upon written claim made by the sender, or his assignee, for the purpose, within sixty days after sending the message.

WILLIAM ORTON, President.

*Send the following Message subject to the above terms which are agreed to.*

Mr Barry
I talked this
over with
Mr Jones
Mr Hall has
the decision
upon the
case referred
to
Julian
Memo -

Mr Jones
Mr Hall

Russell Brothers, Printers, 17, 19, 21, 23 Ann Street, N. Y.

☞ READ THE NOTICE AND AGREEMENT AT THE TOP.

Blank to about

# The Electro Chemical M'f'g Co.

THOS. A. EDISON, President. E. H. JOHNSON, Sec'y, Treas. & Gen'l Manager.

52 BROADWAY.

New York, May 23 1877

Dear Edison Please do not fail to be ready to go up to Lam after 4 PM today to see Genl Butler. His very important —

Recd your message last evening sorry to hear you were ill. Don't fail me — Genl was much disappointed at not seeing you last evening

Yours
Reiff

Blank No. 1.

**THE WESTERN UNION TELEGRAPH COMPANY.**

The rules of this Company require that all messages received for transmission, shall be subject to the Company's Blanks and Forms, and shall be subject to the conditions printed thereon, which conditions have been agreed to by the sender of the following message.

WILLIAM ORTON, Pres't, } New York
A. B. BREWER, Sec'y,

Dated New York May 23 187 7

Received at Menlo Park

To T. A. Edison

Please meet Party Fifth Ave Hotel after four Today Dare answer.

J. A. Huff

ELECTRIC PEN AND DUPLICATING PRESS

E. T. GILLILAND, Gen'l Eastern Agent

GEO. H. BLISS, Genl Agent 220 WABASH ST. CHICAGO, ILL.

20 NEW CHURCH ST.

NEW YORK May 23 1877.

Morning

Edison.

I have been present at all of Mr. O's examination. He has probably another full day before him - I can see that Butler is not getting out what he hoped to do. So far you have been well protected, and unless they call you again to contradict Mr. O. you are in harmony on all important points.

If you should go on the stand again I fear that some old and ugly affidavit of Mrs White comes out that will do you friends with

JC Ruff
May 23. 77

Miller
May 23. 1877

the Court

Ruff keeps his boy on the lookout for you all the time. Keep away from him.

I will look for you at Recorder's Office — I can be there if you come to the City.

Miller

May 2 4/77

My dear Edison

I learn you were in town yesterday and did not wait for the Gen'l B. notwithstanding my telegram to you. If you are in town today, please do not fail to see the Genl this evening - or tomorrow early. I understand we intend to call you into the Genl wishes to have a talk about some of your inventions early this

Yr JCR

J. C. Ruff
May 2. 77

Articles of Agreement made and entered into this thirty first day of May A.D. one thousand, eight hundred and seventy seven, by and between, Thomas Alva Edison, now of Menlo Park, in the State of New Jersey, party of the first part; George Bartlett Prescott of the City and State of New York, party of the second part, and Gerritt Smith, of Astoria in the State of New York, of the third part all in the United States of America, Witnesseth:—

Whereas the party of the first part did obtain Letters Patent in Great Britain, Numbered 384 bearing date February 2nd 1875 and being for — "Improvements in Duplex and Multiplex Telegraphs". And Whereas, the parties of the second and third parts did obtain Letters Patent in Great Britain Numbered 197 bearing date January 15. 1877, for "Improvements in Multiplex Telegraphs" in the name of Edward Griffith Brewer of Chancery Lane, London, as a communication to him from abroad by George Bartlett Prescott aforesaid.

And Whereas it is desired that the rights in both the aforesaid patents be merged into one common

(1)

interest according to the terms herein after expressed, and held by the parties hereto in the proportion of thirty five per cent to the said Edison, forty five per cent to the said Prescott, and twenty per cent to the said Smith. Therefore in consid-eration of the premises, and of one pound sterling in hand paid, each to the other, the receipt whereof is hereby acknowledged, and the fulfil-ment in the future of the terms and conditions hereof, the following agree-ment is made and entered into by and between the parties hereto for themselves and their legal represen-tatives.

1st The party of the first part does hereby assign, transfer, and convey or agree so to do, the entire right, title and interest of every character, into under, and connected with the said invention, as secured by Letters Patent of February 2nd 1875 numbered 884 aforesaid, unto the parties hereto in the proportion of thirty five per-cent (35/100) unto himself the party of the first part, forty five per cent (45/100) unto the said Prescott, party of

[2]

the second part, and twenty per-cent (20/100) unto the said Smith, party of the third part, upon the terms and conditions hereof.

2nd The parties of the second and third parts, do hereby assign, transfer and convey, or agree so to do by proper instrument from the said Edward Griffith Brewer, the entire right title and interest of every character into under and connected with the said inventions as secured by Letters Patent of January 15th A.D. 1877 numbered 197 aforesaid unto the parties hereto, in the proportion of thirty five per cent (35/100) unto the party of the first part, forty five per cent (45/100) unto the party of the second part, and twenty per cent (20/100) unto the party of the third part, upon the terms and conditions hereof.

3rd Pursuant to the preceeding first and second clauses hereof, the parties hereto do each for himself agree to make and execute or cause or procure, to be made and executed, whatever deeds, transfers, or assignments, may from time to time be properly required for more fully transferring the rights hereby transferred or intended

so to be unto the respective parties hereto according to the true intent and meaning of these presents.

4th The party of the second part shall exercise reasonable diligence in introducing the said inventions in Great Britain and in prosecuting the business connected therewith so as to arrange for the sale or the granting of licenses, and the obtaining of suitable remuneration for the rights under such Letters Patent; he shall furthermore bear the expenses of exploiting or introducing the improvements to which such Letters Patent relate, and in preparing the necessary legal conveyances of said inventions, or Letters Patent.

5th No sales of the whole or any portion of the said Letters Patent shall be made, or any licenses or local rights granted without the written consent of all the parties hereto, previously obtained. But to facilitate the proceedings connected with the sale of rights and the conducting of the business connected with such patents, the parties hereto shall mutually agree

upon the minimum prices, terms and conditions of sale, and the granting of licenses under and connected with such inventions and Letters Patent and in case of disagreement the matter shall be settled by three arbitrators, one chosen by each party hereto.

6th. The party of the second part shall exercise reasonable diligence in endeavoring to procure the highest prices and the best terms for the sale of the rights or licenses under such Letters Patent or any portion of them, and he shall well and truly account & and pay over to the parties of the first and third part respectively their proportion of the entire purchase money or of the considerations of every character received from time to time, that is to say, to the party of the first part thirty five per cent (35/100) and to the party of the third part, twenty per cent (20/100) or to their legal representatives.

7th. In case the parties of the first and third parts or either of them receives any bone fide offer for the sale of the whole or any portion of their or either of their

[5]

right hereunder subject to the con-
-ditions hereof; then neither can sell
or dispose of the same, without
offering the same in writing to the
party of the second part for ten
days, upon the same terms and
conditions as can actually be ob-
-tained from other parties.

As witness the signatures and seals
of the parties to these presents.

Signed & sealed in presence of
William J. A. Bond
Eugene Griffith

Thos. A. Edison

George Barlett Prescott

Gerrit Smith

J. C. REIFF.

No. 52 BROADWAY.

New York, June 4th 1877

My dear Edison —

I know I am "a squeezed orange", an old worn out coat" or an equally valuable relic, still whenever you have an absolutely idle moment you might call down & see if I still live —

Notwithstanding Lowry said I intended to blackmail him, you can be sure I won't attempt to blackmail you, or come any. Occasionally I hear something & tell you —

I have been quite unwell of late, but am better now & hope to spend an evening with you soon.

Yrs

J. C. R.

Blank No. 1.

**THE WESTERN UNION TELEGRAPH COMPANY.**

The rules of this Company require that all messages received for transmission, shall be written on the Guidons blank of the Company, under and subject to the conditions printed thereon, which conditions have been agreed to by the sender of the following message.

WILLIAM ORTON, Pres't, } New York
A. B. BREWER, Sec'y.

Dated New York June 4th 1877

Received at Menlo Park

To Edison

Morris just left for Boston.

Griffin

6 P.M.

Blank No. 1.

**THE WESTERN UNION TELEGRAPH COMPANY.**

No. 725

This Company TRANSMITS and DELIVERS messages only on conditions, limiting its liability, which have been assented to by the sender of the following message:
Errors can be guarded against only by repeating a message back to the sending station for comparison, and the Company will not hold itself liable for mistakes or delays in transmission or delivery of Unrepeated Messages.
This Message is an UNREPEATED MESSAGE and is delivered by request of the sender under the conditions named above.

A. R. BREWER, Sec'y. WILLIAM ORTON, Pres't.

201

Dated _____ Rec'd at Western Union Building, BROADWAY AND DEY STREET.

To Edison June 6 1877

Heard you very distinctly with your pole changer at rest but cant anything on 3d code during your reversals

Morris

READ THE NOTICE AT THE TOP.

Blank No. 1.

**THE WESTERN UNION TELEGRAPH COMPANY.**

No. _____

This Company TRANSMITS and DELIVERS messages only on conditions, limiting its liability, which have been assented to by the sender of the following message:
Errors can be guarded against only by repeating a message back to the sending station for comparison, and the Company will not hold itself liable for mistakes or delays in transmission or delivery of Unrepeated Messages.
This Message is an UNREPEATED MESSAGE and is delivered by request of the sender under the conditions named above.

A. R. BREWER, Sec'y. WILLIAM ORTON, Pres't.

Dated _____ Rec'd at Western Union Building, BROADWAY AND DEY STREET.

To Edison June 6 1877

Cant get you only when your pole changer stops sending

Morris

READ THE NOTICE AT THE TOP.

Dear Edison

Please call here a few moments using my name on arrival. I want you to reference the data for B.B.B. Must send it. Had hoped to see you yesterday

Yr JCR
June 1877

Blank No. 1.

**THE WESTERN UNION TELEGRAPH COMPANY.**

No. 574

This Company TRANSMITS and DELIVERS messages only on conditions, limiting its liability, which have been assented to by the sender of the following message.
Errors can be guarded against only by repeating a message back to the sending station for comparison, and the Company will not be responsible for mistakes or delays in the transmission or delivery of unrepeated messages.
This Message is an UNREPEATED MESSAGE and is delivered by request of the sender under the conditions named above.

A. R. BREWER, Sec'y. WILLIAM ORTON, Pres't.

152

Dated. 9 Rec'd at Western Union Building, BROADWAY AND DEY STREET.

To Edison June 9 1877

Are working on third side now.

CWR

Jo.

READ THE NOTICE AT THE TOP.

Indianapolis June 9 1877

T. A. Edison

Sir

Are you the inventor of the "Quadruplex Instrument" used in the "Western Telegraph Office" in this city.

Have you a patent on it in Foreign Countries.

State what terms you would agree to place it on a Foreign market.

I intend to visit Europe and would be happy to secure your patent to sell there

Answer at your earliest convenience.
I can give you satisfactory references.

Yours Respectfully

John Todd Mahoney
# 241 Blake St.
Indianapolis,
Ind.

J T Mahoney
June 9 1877

Form 10.

# THE ATLANTIC AND PACIFIC TELEGRAPH COMPANY.

In Connection with the Direct United States Cable, and the Dominion Telegraph Company of Canada.

THOMAS T. ECKERT, *President.*

The rate of this Company equals that of messenger control for Domestic, and is within on the average limits of the Company, under and subject to the conditions printed thereon, which conditions have been agreed to by the control of the following messenger:

D. HOMER BATES, Gen. Sup't, Atlantic Division, New York.
CHAS. A. TINKER, Gen. Sup't, Central Div'n, Chicago. R. P. HAMMOND, Gen. Messenger, Pacific Div'n, San Francisco.

ALBERT B. CHANDLER, *Secretary.*

| NUMBER. | SENT BY | TIME. | RECEIVED BY | CHECK. |
|---|---|---|---|---|
| 113 | Ho | 420 | | |

Dated Lowell Mass June 15 Rec'd at

To J C Ruff

S Berry

GRAND CENTRAL DIRECT WIRES

| | | | | |
|---|---|---|---|---|
| Have | Edison | Come | to | fifth. |
| Are | Sunday | morning | | |
| | | Pay | N | Butler |

Van Ebeck, Clark & Co., Printers, 18 Vesey Street, N. Y.

Blank No. 1.

# THE WESTERN UNION TELEGRAPH COMPANY.

The rates of this Company require that all messages received for Transmission, shall be delivery on the Delivery limits of the Company, and subject to the conditions printed thereon, which conditions have been agreed to by the control of the following messenger:

WILLIAM ORTON, Pres't; } New York
A. B. BREWER, Sec'y.

Dated New York June 15th 1877

Received at Menlo Park

To T. A. Edison

Have paid 1/

Austrian Tax.

E. B. Prescott

4 D.H.

B F Butler
June 15 1877

Dear Edison.
Please don't
fail to meet
Genl Butler.
I have just telegraphed
you asking for an
hour to be ready to
meet Prof Barker
tomorrow. It would
be very anxious
to see you altogether
after this week of meetings
& Butler to see Both.
Yours JCB

G B Prescott
June 2d

J. C. REIFF,

No. 52 BROADWAY.

New York, June 26th 1877

My dear Edison.

Your note duly rec'd. I wrote accordingly. Edd says the telephone did not meet him at New Brunswick, but he has telegraphed you & rec'd no reply — that Phillips has all the arrangements made for a first exhibition on July 4th & Edd says he needs to get everything in shape.

Will you pick it & him at once & write him to 20th & Poplar Phila? Butler requires tomorrow afternoon. I believe this vessel so that you & I will be benefited — if it does not God help me! what loss I for all my money, years of labor, anxiety.

While simply automatic wheel may have bearings, ruined by quadruplex.

J. C. Reiff

P.S. Can you not turn your attention a little to bottles, perhaps put your forest knowledge & bell flow might enter smelling bottles & dollars

New York Jan. 27th 97

Thomas A. Edison Esq.

Dear Sir.

I called the day before yesterday at the Office of the Atlantic & Pacific Telegraph Company in order to confer with you in regard to the introduction in Italy of the Quadruplex System of telegraphing. I received letters from prominent Italian Gentlemen inquiring about the matter and asking if it were possible to come to some arrangement with the inventor. Please answer at your earliest convenience appointing the day, time and place of meeting.

Respectfully Yours
A. Fontana
14 E. East 15th St.

(turn over)

P.S. I saw Mr Prescott "the Electrician" of the Western Union Co. and he told me that he was corresponding with Mr D'Amico the Director General of the Italian Telegraphs, and I know that he cannot do anything till the great telegraph suit is over

A. F.

A. Foulkrod
June 27, 1871

J. C. REIFF,

No. 52 BROADWAY.

New York, June 28th 1897

Dear Edison.

Butler among other things said.
Edison has pushed himself forward into the foremost ranks of Electricians, if he himself is not the foremost of his time, his name will go down with Henry in connection with Telegraphy.

Who can tell what God has in store for the world through the discoveries in Electrical Science of this man Edison, if not held in slavery by the W.U.

Argument is closed.
Don't be ready for something else.

Yours J C Reiff

New York July 2nd
'79

Dear Mr Edison

Before writing to Italy I should like to have a private interview with you. I will call to morrow at the Office of the Electric Pen at 11½ a.m. Be sure to meet me then at that hour.

Yours Respectfully
A. Fontana
141 East 15th

Blank No. 1.

# THE WESTERN UNION TELEGRAPH COMPANY.

No. 425

THIS COMPANY TRANSMITS and DELIVERS messages only on conditions, limiting its liability, which have been assented to by the sender of the message.
Errors should be immediately reported by repeating a message back to the sending station for comparison, and the Company will not be liable for mistakes or delays in transmission or delivery of Unrepeated Messages.
This Message is an UNSIGNED MESSAGE and is delivered by request of the sender under the conditions named above.

A. R. BREWER, Sec'y. WILLIAM ORTON, Pres't.

917

Recd at Western Union Building,
BROADWAY AND DEY STREET.

July 12 1877

To Downer

Any new developments in relation to Dexterplex Would like straighten batteries & wires here if the thing has been abandoned.

CWA

ng

READ THE NOTICE AT THE TOP.

J. C. REIFF,

Personal

No. 52 BROADWAY.

New York, July 23d 1877

My dear Mr Chandler.

I have called several times but always found you engaged., so did not wait

As already indicated I am willing to do any thing in my power to facilitate harmonious cooperation.

I am wedded to no set project or mode. except a project to succeed.

If however the matter is to be left with you to submit an approved plan, I certainly think it very desirable that you should at once fix a time before or after business hours, or away from your office, when you could sit down & carefully discuss with Mr Russell the question of the best mode of proceeding in view of the litigation all round.

The legal difficulties removed, parties determined to come together, will find the road easy.

In any arrangement either directly with

A. & S. or through third parties, you want to feel you are on solid ground for the future, hence a thorough review of the legal position, especially as between A. & S. & M.U. would be of much value to your judgment & certainly Mr Russell could advise in that matter for our mutual benefit, much more intelligently than I could.

In representing either the Co. or the Guild I simply want to get together by the best and safest, which will certainly be shortest road after all.

What do you think? Be assured that Mr Russell will do everything possible to meet the case

Yours truly
J.C. Reff

J. C. REIFF.

No. 52 BROADWAY.

New York, July 27th 1877

Mr A. B. Chandler

Sir:

Sincerely desiring accord & an adjustment in some form of our interests in Automatic Telegraphy & the Edison Patents, I am willing to labor regardless of any past mis-understanding or plans to secure that result.

I accept the situation & do not stop to discuss the causes that have produced the feeling that has existed or the failure to secure the results which I had anticipated.

I have unbounded faith in the Edison system & inventions & know that with Automatic, Quadruplex & other improvements which we now would have been in the control of A & B. but for the unfortunate lack of cooperation, great results would by this time have been obtained.

Wiping out the past I am ready under any reasonable assurances of harmonious cooperation in securing the best financial results from

the joint facilities of Ulone & Automatic to agree now to take for the Edison system & improvements whatever they shall prove themselves to be worth when a combined effort is made to test their capabilities.

If the money, time & effort then prove to have been unnecessarily expended & the Patents worthless, that will be our misfortune & no one will be asked to pay an unjust value.

All I ask is hearty cooperation with it I am perfectly willing to share the fortunes of A.v.E., taking the risk as to our own part & biding the demonstration.

The details should be easily agreed upon if this plan is heartily entered into.

Of more than $400.000 in greenbacks spent in experiment I have paid directly more than $50.000 much of it borrowed at severe sacrifice & which I can not now pay.

I have never personally received a

J. C. REIFF,

3

No. 52 BROADWAY,

New York, _____ 187

single penny of benefit from my efforts, time or expenditure in connection with this business.

The money & Bonds loaned me by Mr. Gould were immediately exhausted in paying pressing Automatic debts for which I was personally responsible, or in returning loans long past due.

Some immediate help is needed, but if this general plan is assented to, I doubt not it will be readily granted.

Of course protection should be provided in case of possible arrangement, alliance or amalgamation with W. U. Tel. Co.

Yours truly
Jos. C. Reiff

Forward yours to be
fully advised
of every move.
Expecting a
reply or invite
from interview when
on Tuesday or Fri.

J C R

J. C. Ruffs
Aug 24, 1871

J. C. REIFF,

No. 52 BROADWAY,

New York, July 28th 1897

~~Friend Goodwell~~

Dear Edison —

On Left Tues. frank
sincere question friend Lowry has given
another evidence of his child like
Simplicity —
Edw. since Apl. he has promised to
complete the Agreement before Judge
Freedman, in the Minister Suit, as the
injunction should be removed from us
finally promised every day after the Apl
trial. It should be done. i.e. to break, it will be cautious, or
Keep appeal - but or you do a disservice
one way or the other.
We have been urging it ever since, repeatedly
repeated promises. He coolly writes today
that as he is going on his vacation
he really did not decide the matter
himself & cannot will attend to it
before Sept 15th — A perfect insult, which I
have instructed Butler to resent at once &
advise them we shall at once appeal to
Judge Freedman. Only gammon is played out.
Yours JCR

How much ready money
do you need for next 3 or
4 mos to make yours
perfectly easy?
~~And to~~ Anything further from Chicago?

J. B. Hay
June 25.77

July 31/77.

My dear Yale

No, I have printed to-day that some modification or programme by which W.U. will compromise with S & A.T.P. Again the matter is left off by saying I wait the W.U. at the earliest election, which is a reasonable expectation —

Evidently something is going on underground —

Can you learn anything at W.U.?

I will be absent tomorrow but will be here on Thursday. If you can call use anything

J C Ruff
June 3, 1877

NORMAN C. MILLER,
Second Floor,
NO. 6 NEW CHURCH STREET,
Between Fulton and Dey,
NEW YORK.

Augt. 6th 87

Friend Edwin.

I have a package of Affidavits, testimony, arguments etc at my office for you. I leave a line here at the office, saying at what hour you are going home if I don't see you.

Hammond has gone up to Albion; will be back this week, and I think will want to make contact with you, and spend a week or two at your shop.

I hope that you

will be in any
circumstances today.
Mr. O. said on
Thursday that he saw
you a moment the
day before on way
to Crane's but did not
get much report on
"Sparks" which he is
anxious to have.
On Friday Murray
promised to bring it
in to day. See them
if he does.
Mrs. Beecher has
gone to White Mountains
back on Wednesday

Yours
A. C. M.

N. A. Miles
Aug 6. 1877

Sept. 7/79

Dear J.D.

Do you ever come into Rome any more?

If so, cannot you drop down occasionally & let me see you.

Have you satisfactorily completed the speaking telegraph?

Do you ever give any thought to completing the two (or one) wire Roman letter for a new departure?

Has the translator been put to work by W.U.?

Do you hear whether the impression of W.U. officials that J.Y. will take control this Fall?

Leaves you do anything with use of electricity in Hydraulic gold mining, where much of the gold is carried off by the current?

Craig reports that Wm has considered nothing he has submitted. I presume either Blossom & Bryce or Hoke & R — that they have been formally reported on & the Committee is now considering what shall be paid for same.

You can as certain definitely whether that is so.

Yours JGR

Did Edd write you he expected to get Cafe Mary tomorrow with Telephone?

J. C. REIFF.

No. 52 BROADWAY.

New York, Aug 21 1877

My dear Sir — Craig reports to party that he (Sherman Randall) has a method System, which has been submitted to Orm. & by Hamilton approved in the most enthusiastic manner —
That he has an appointment for Orm. who has appointed a Committee including Gen. Morgan to decide upon the term of lunchers —
Get at new hornet lunch there is in it — Spare lunch bust it once —
There is some lunch in it but how much?
It's a printing system —

Notwithstanding the above I see does it pay Earl, with, I have any engagement and my friend Mr. Pm. Ady.

Yr J. C. Reiff

NY Aug 22/77

My dear Edison

As we are temporarily wrecked, we must ~~not~~ neither acknowledge defeat or let others get the advantage. Please ascertain of Mr Craig Scott & Randall or whoever he represents — the reporter by whom this am that all had been arranged with the W.U. Tele. Co. now drawing the patent.

If there is anything of all in it, it must be stopped.

There a transfer from Craig which I think, would prevent it, if O is doing anything.

hours are important.

When you come I can tell you about my interviews with R.S. He is trying to effect a compromise & an afterwid W.W.

J.C.R.

J C Roth
Aug 22. '77

J. C. REIFF.

No. 52 BROADWAY.

New York, Sept 4th 187

Dear Edison - Please telegraph me at once tomorrow morg, whether you are aware of Smith & Hamilton's movements & whether you were consulted & assented to it. I am writing about about it. Have you signed any fresh papers? Spoke Prescott has no authority, nor the W.U. either —

Yours

J.C.R.

P.S. Parties who start out using me as Prescott & W.U. did, must expect no mercy at my hands, when I can strike them!

Before this day terminates
I may not be the happiest
creature living today —
Russell says his letter is
simple —

J. C. Booth
Feb. 11. '77

REIFF

No. 52 BROADWAY.

New York, Sept 6th 1877

My dear Edison –

I want to see you if you are not coming in. I need come out. I find in Cortlandt on City of Rome Contract with Dwight, Fleming & Co. signed by Mr. Harrington & me, that everything is included present & future that may be considered or applicable to Land line Telegraphy as distinguished from Sub-marine Cables – the latter being included in another contract – We not want to get into any further quarrel with these people – so we must consult if necessary for peace & success we must make some compromise with Prescott – Of course for your sake, I will consent to shall get what he is not entitled to, but he let Anderson, Pender, Clarke & Co will certainly prevent anything being done unless some understanding is reached – We simply want to consider what – Be, Bob & Co under the circumstances – this is only another instance of the necessity of getting advice Bob & Co

Having seen you, I may be able to know more about matters before you come to town. Bob & you will be able to see the situation.

F. Bob

New York Sep 13. 1877.

Friend Edison,

I would be glad to see you at my office next Tuesday at eleven o'clock to meet some gentlemen who are going to Europe and would like to arrange to introduce the quadruplex on the continent. I have made an appointment for you to meet them at that time, and if anything will prevent your coming please let me know.

Yours truly
Geo B. Prescott

NY Sept 18/77

J.A.R. - You recd. referring Sinclair's letter. The amt due by 27th will be attended to. I shall see Norris tomorrow about the suit. He sent me word for R.D.M. Lord from there. Let me know when you get in town next.

Yr JCR

NY Sept 18/77

J.A.R.

You recd. - I will arrange to pay the fees in time. Let me see you tuesday if you are in town.

Yr JCR

Case 137 + 1261

This memorandum of agreement entered into this eighteenth day of September 1877, by and between, George W. Prescott of the City, County, and state of New York, and Thomas A. Edison of Menlo Park, Middlesex Co. state of New Jersey, parties of the first part, and Cornelius Herz and Stephen D. Field, both of San Francisco, California parties of the second part, Witnesseth, Whereas the said parties of the first part are the owners of certain patents for Quadruplex Telegraphs granted to T. A. Edison in Austria, Spain, France + Belgium, and are desirous of introducing the same in such countries, And Whereas, the said parties of the second part are desirous of negotiating for the sale of the same in such foreign countries, by personal solicitation before the government as above mentioned, Therefore be it agreed that for and in consideration of the sum of one dollar in hand paid to each of the parties of the first part by the said parties of the second part the receipt of which is hereby acknowledged, and for other valuable considerations hereinafter specified, The said parties of the first part do hereby agree to deliver proper assignments of all their right title and interest in and to such patents to the said parties of the second part, at any time within six months from the date of this agreement, but not thereafter, providing that upon the transfer of the assignment for the patent in Austria

the said parties of the second part shall pay to the said parties of the first part four thousand dollars in Gold, and for the assignment of the patent in Spain, four thousand dollars, and for the assignment of the patent in France seven thousand dollars, and for the assignment of the patent in Belgium, three thousand five hundred dollars. It being expressly understood that this instrument is an option to purchase such patents, and is not to be construed to convey any rights or interests in such patents except the right to purchase at the prices herein set forth within the period covered by this contract.

Thos A Edison (S)

Witness

Geo. H. Blake

William J. McKay

Jamlin Kay (S)

Stephen D. Pillsbury (S)

Geo. B. Prescott (S)

NY Sept 21/77

To. Please prepare statement of case from date of apptmt & also send me letter of your appointment & other data you have.

Yours J. C. Reiff

NY Sept 25/77

To E. Did you give Morris the letter of apptmt? I hear that D&H Co has indirect wk to ask some bth of machine after F&R's plans about auto.

You thought nothing had been done or would be done.

Inquire see if I am not right.

The D&R matters working favorably. When can I see you or meet Stagno & others

JCR

Blank No. 1.

# THE WESTERN UNION TELEGRAPH COMPANY.

The rules of this Company require that all messages received for transmission, shall be written on the Company's blanks of the Company, and are subject to the conditions printed thereon, which conditions have been agreed to by the owners of the following message.

WILLIAM ORTON, Pres't, A. R. BREWER, Sec'y. } New York.

Dated New York Sept 27th 1877

Received at Menlo Park

To T. A. Edison

Cable from London
Duplex Quadruplex all right
between London & Liverpool
Smith confident of success

G. W. Prescott

GEORGE NORRIS,
ATTORNEY AT LAW,
19 & 20 Tribune Bldg.

NEW YORK, Oct 22 1877

T. A. Edison Esq

Dear Sir

In your case against the Domestic Telegraph company we can take judgment any day - but before doing so I want to see you at my office. I will call as soon as convenient to you

Yours truly

Geo Norris

P

GEORGE NORRIS,
ATTORNEY AT LAW,
96 & 98 BROADWAY.

NEW YORK, Oct 24 187

Edison

Please c at our
Opn tomorrow in the afternoon
We Elkins & Lee you
about your case for
Sulzer Yours Norris

J. C. REIFF.

No. 52 BROADWAY,

New York, Oct 31 1877

My dear Edison — Please advise me whether you will come to see me here, or whether I must come to Menlo Park —
It is necessary to take some immediate action, to protect the "new application" —
The Omnibus suit is tested, & even Lowrey now admits there is no injunction —
I shall arrange to get extension of time in the Gentil Fuid interference case.
I was in Washington yesterday said the Comr of Patents.
I only want fair play from U.S. but I do not propose they shall get any advantage of me. Roscoe Conkling may be very powerful under some circumstances but he does not run the present Comr of Patents or the Hayes administration — Yr J C Reiff

Blank No. 1.

# THE WESTERN UNION TELEGRAPH COMPANY.

The rules of this Company require that all messages received for transmission, shall be subject to the changes hereof of the Company, under and subject to the conditions printed thereon, which conditions have been agreed to by the owner of the following message.

WILLIAM ORTON, PRES'T. } NEW YORK
J. R. BREWER, SEC'Y.

Dated Washington DC Nov. 22 1877

Received at Menlo Park

To Thos A. Edison

Can you meet me at the Fifth Ave Hotel tomorrow —

Benj F. Butler

J. C. REIFF.

No. 52 BROADWAY.

New York, Nov 9th 1877

My dear T.A.

I learn from London the Quad works perfectly — they will probably adopt it — pay somebody something, but in their expressive language they remark "Will take damned good care not to pay the cunning man —

You are in a dilemma for regardless of me, you get certain money from G, besides he as atty transferred the foreign right to mills the tart so nicely G.B.P can do nothing toward giving a title.

If Prescott will be half decent all can be adjusted, the simply transfer of title.

Yours Jack

P.S. I go to Washington tomorrow night — Mr Cook about Tuesday

GEORGE NORRIS,
ATTORNEY AT LAW,
256 & 258 Broadway.

Edison
vs
Domestic Tel Co

NEW YORK, Nov 12 1877

Received from Thomas A. Edison
Forty dollars ~~as a deposit~~ on act of witness
in the above entitled action.

Most truly
George Norris

RISTINE'S STEAM PRINTING HOUSE.
Plain and Ornate Printing, Designing and Engraving.

OFFICE OF

The Galion Sun.

58 East Main Street.

GEO. T. RISTINE, Prop'r.

Galion, O. — 14 1877

Thomas A. Edison, Esqr,
Dear Sir, —

I enclose article which explains itself. I wish you complete success, and have no antagonistic or mercenary motives in the matter. As far as I knew I thought I was the only person working at the problem of an "Automatic Reporter."

Believe Me, Very Truly
and Respectfully,
Yours,

H. Freeman

Sir

Nov 16 1877

I would like that my office Monday and Tuesday to your Attended Complaint

Yours Geo Norris

---

NY Nov 26/77

Did you get the Lib on Saturday?

Remember form 20 days from Nov 12 77 to enter not and time

Will you please call or send me word from counsel

Yours truly

---

Dec 11. 1877

N.Y.

Dear Sir

Please call at our office in regard to the complaint for salary - write me a postal when you will be here - Come within two or three days

Yours truly George Norris

Geo Norris Dec 11 77

---

N.Y. Dec 12 1877

Dear Sir

Please call at our office just as soon as possible the complaint in the Atlantic office Tel suit has got to be served

Yours &c

George Norris

206 Broadway N.Y.

To

Thomas A. Edison

Dec 1877.

Dear Jack — I have a letter from London which indicates clearly that Steam & Prescott have combined against you, to get up some combination to shut it off in the Postal P.O. Dept. Please be sure & come here on Monday when you are in town.

Notwithstanding you got a few dollars repulse, you are in a nest of vipers, whether you believe it or not.

The sun breathe a friendly thought for you.

Yours J C Reff

P.S. I am hammering away at Jones — I will crack the nut after awhile. Every life is shaved. They think they have you by the throat what means short death true.

Telegraph - General

J. C. REIFF.

No. 52 BROADWAY.

New York, Dec. 24 1879

My dear S. A. E.

Yours of 22nd rec'd.

All right if you have so arranged as to settle the matter, and let it go by default — I find no foreign note. You don't think Smith secured any advantage —

You ask me what I am doing?

I am faithfully attending to your interests & mine — trying by hook or crook to compel Jay Gould to pay us what he owes us.

I am urging him, & expect to do it more effectually early in the new year — He owes you a great deal & has utterly ruined me —

Because I am fighting for you in both I trust you will not so worry yourself on other points, as to preclude me from sharing in your future prosperity — Mr has tugged & toiled for 7 years — on hot water & cold water & sometimes on ice & expects to get it something like a fortune.

Will you please forward the enclosed when read.

Yours

Dec 27 1877

Thomas A Edison
Dear Sir

Please call immediately and swear to complaint and oblige

Yours truly
George Morris
306 Broadway per Wyth

J. C. REIFF,

No. 52 BROADWAY.

New York, 1877

My dear Ed.

I wrote you today to Western Union building, but learned you were not in.

I send you copy of letter from Pat office. I have Conn right time to preliminary statement extended until Dec 12th — Please get it all ready.

I must see you at once somewhere — Return to Washington Friday night & attend to McLynes. I think we shall be able to convince him of his intent & rebble —

I can tell you some reasons why Prescott & others are against you.

I need some information from you.

Yours
C J Reiff

PS
Send box to Reiff Friday next by express.

Mr Edison

Regret to give you the news
lost one of my Brothers on
Sunday. Congestion of the lungs.
Funeral tomorrow at Norristown Pa.
Related I have you cities letters
which speak for themselves.
In minutes Come we have sent Brief to
Judge Freedman asking dissolution of
injunction so notified Counsel. He has authority to act.
Yours

Issac Phillips arrived today.
He says Estes received backings and things from you. They expect a great success tomorrow evening.
He says Estes is happy as usual.

J.M.

Friday -

E -

The cross examination of Riff is on, and the papers introduced are such that you would not like to be called to the stand to either identify, dispute or explain -

Keep away from court and every one - especially Mrs Rochester - if you come to City - Mrs Miller

Monday Morning

Edwin -

As much examination will continue this morning - I will look for you at the "new" Elections Room with a cross - I think likely O's cross will commence some time this P.M. - Will give you testy to date to take home to night. Mrs

Monday P.M.

Edison I think it is due to yourself that you read Mr Ostrom's testimony in full before his cross examination is taken up tomorrow morning. I ask you to consider this confidential and to see me and it before you go home this evening

Yours truly R. C. Ma

Monday 4.30

Edison.

Will you come to your room at 7 P.M. when you get this if before 6 P.M.

Miller

Wednesday Eve.

Edwin.

Mr D. says that as far as his deposition of this afn. is concerned, or the suit, it is not necessary that you come up tomorrow.

He knows that you are very busy and much absorbed on the Septic tank.

But if Mr S. or Mr S. either today or tomorrow morning say that you must come then you will do so.

Suit will not be called till Monday next.
Jno Miller

N. B. Miller

W. A. Gilliam

11:30 A.M.
Friday -

Edison -

Murray came in with me this morning and left 2 Speakers -

Her voice takes them back to go to "Wenko" if you so direct -

I know of Mr O's desire to go yesterday P.M. and have been in answer.

Miller

E. O. will be at Work at 4 P.M. after adj. of Court - Want to sign at Her Dressroom

Miller

No. 44.

# HALF RATE MESSAGES.

## THE WESTERN UNION TELEGRAPH COMPANY.

The Company TRANSMITS and DELIVERS messages only on conditions, limiting its liability, which have been assented to and adopted by the sender of this message.

Delivery of messages to the Company's offices or to its messengers back to the sending station for repeating, and the Company will not hold itself liable for errors or delays in transmission or delivery, or for the non-delivery of repeated messages.

No responsibility attaches to an UNREPEATED MESSAGE, and it is delivered by repeat at the sender's risk.

A. R. BREWER, Secy. WILLIAM ORTON, Pres't.

Dated _____ 187

Received at WESTERN UNION BUILDING, *Broadway and Dey Street.*

To _____

READ THE NOTICE AT THE TOP.

Thats good Congratulate you I will get this End going Emma gn

M

# TELEGRAPHY.

(1877)

## The Progress of the Science Reviewed.

### How America Has Come to Lead the World.

[From the London Times.]

It was announced a few weeks ago that experiments had been successfully made between London and Liverpool whereby four messages—two in each direction—could be passed through a whole telegraphic wire at the same time. The system is that known as the "quadruplex" and is of American invention or adaptation. Probably very few persons who read the announcement altogether realized that in ten years short of half a century since the first really practical telegraph was introduced into this country. It is true that in 1855 one Charles Morrison, a "clever Scotchman of obscure position," forwarded what he was pleased to describe in the *Scots Magazine* of that day as "an epoch-making method of conveying intelligence." The world was comparatively young 23 years ago, and there was not a very great deal of "intelligence" to convey. But Morrison's telegraph, if it might be dignified by the name, was two little expeditions and too clumsy even for the wants of that time, for it required a separate wire for each letter of the alphabet, and was otherwise somewhat intricate in its operation. It came to nothing, and its attempted revival some twenty years later by one Le Sage, a Frenchman, "was attended with as little success abroad as at home. The labors of Mr.—Alderman Sir Francis—Ronalds, of Hammersmith, in 1816, have been shifted to in these columns (dearer than once in recent years) as being the first practical telegraph. We have now a little more than one need of mentioning the name of the telegraphing public. Ronalds, it is true, seems to have had to wait for more than twenty years before his telegraphic communications; but he forestalled the telegraph of Morrison in point of practicability and usefulness, and may be said almost to have laid definitely one of the principles of its construction. Ronalds, however, with laws enactments and, finally, he met with the usual reward of pioneers of that day—he was laughed at. The Lords of the Admiralty to whom he attempted to explain his invention, cut and dried in almost as nearly world that telegraphy of the present day is, and that its acceptance was all that was lacking to its acquisition. It is useful to remember that this happened almost, if not quite, within the memory of many who read, and probably remember, from the field, effectively before he had brought it to perfection, and before any valuable collection of works on electrical science and the electric telegraph.

THE PRINTING TELEGRAPH.

Ten years after the introduction of Mr. Ronalds's telegraph—that is, in 1837—the first which was really employed for commercial purposes, Cooke and Wheatstone, in the interval, had "in hand" the telegraph which, in the shape of a modification, was used in the Paddington to Slough, and afterwards in the Euston to Doodle Nadin (Hampstead), lines. It is said to have been the first which was really employed for commercial purposes, but it is a fact, nevertheless, that the telegraph that has in all ordinary or certain railway companies to this day, Cooke and Wheatstone's, with modifications, the Doodle Needle's, was probably never been surpassed for rapidity of communication between two stations. Not it required two wires, and was all right for working long distances, and its use specifically was confined to the secondary railway of trans-alpine, which is mainly carried on over short sections of line. Just as the Morse, the Hughes, the Needle telegraph was beginning to be felt universally the pressure of commercial wants, Alexander Bain, "the Scotch clockmaker," came on the scene with his chemical printing telegraph, which, as far as the purchasing public was concerned, was found to have outstripped the game of the Wheatstone Needle, to be presently dealt with. The Bain method was, in fact, the first practically practical shape in a long, narrow strip was obtained from a roller driven by clockwork, and a writing instrument, acting gently on a piece of thin paper, was pressed or pressed on the paper in a slanting direction, the motion of the paper being derived from the clockwork machine, depending a "lever" or lever in connection with the pendulum, a marker of long or short duration, the result of which, decomposition, were produced on the strip of paper, which was then passed through a bath of chemical solution, and, as indeed is the case with modern forms of recording annotation telegraphy, and it is, as far as a probably the most sensitive—a-n of spelling—the work was yet been introduced. The inventor died too long before the telegraph was generally. Like many of his kind, he died before its day. Or it is not at all certain that an important revival of the Bain method may not be witnessed in these days of high-speed telegraphy.

Meanwhile, the telegraph had been a matter of purely British invention. Certainly its inventor and probably its initiative, Mr. Ronalds, was a British subject. But Morse, Bain, Hughes, and Needle, all contributed to the Hog'Wurtl very early in youth, and to the Hog'Wurtl very early in youth, and to the Hog'Wurtl very early in youth, and

**1877. Telegraph - Atlantic & Pacific Telegraph Co. (D-77-018)**

Correspondence, some by Edison; accounts (1874-1877), bill.

The following notation, written by an archivist, appears on many of the documents: "Used in law suit: Edison vs. A & P and Domestic Telegraph Co. Apr. 1878.

All selected.

Who would the title of in[redacted] be his,
Must vanquish vice, and [redacted] strights con-
quer.
The highest trophy ever man obtain'd,
Is that, which, O'er himself, himself hath gain'd.
*Maria of Marlow.*

*Executive Office of*

# *The Atlantic & Pacific Telegraph Company.*

*Thomas T. Eckert, President.*
*William J. Lyons, First Vice President.*
*Alfred H. Chandler, Second Vice President and Secretary.*
*Alfred Nelson, Treasurer.*

*No. 145 Broadway.*

*New York Jan 8 — 1877*

My Dear Mr Edison

Your charming letter of 5 inst was duly recd, and I will take up the matter of examination of the ancient receipts and report to you thereon - Meantime be calm and pursue the even tenor of your way = My object in asking to see you for a few moments was to enquire into two items of Mr Sewells bill, and to get some information as to the Fire Alarm patent, as attacked by Gamewell = Wishing you a "Happy New Year" I am

Respectfully
Alfred Nelson

30

JAN 20 1776 P. 1177

Jay Gould Esq

Dear Sir,

Mr Eckert does not want me to be connected with the A.T.P. It was not necessary that a man should be knocked down and have ~~the~~ forced down his throat with a crow-bar, there as many other and gentler methods, for instance, keep an impatient man like my self waiting 3 weeks to decide about removing a partition, causing me to wait for days and weeks for small sums due, doubting my honesty in a transaction of four dollars; urging me to produce things and then refuse to pay for them = granting no money to conduct experiments, and then say I ~~wonder why~~ I ~~dong~~ do ~~anything~~ nothing for the Co. In fact conducting his business with me in a manner that it was one long lingering disappointment. I have never complained to you but once or twice in these two years,

I was led to expect that I should derive some profit from my 4 years labor on the Automatic, you told me so yourself the day you bought the quadruplex and that the Co would furnish funds that I might go on and develop a perfect system, introduce the Roman letter Telegraph and bring the instrumentation of the A.T.P to a model, The result has been just opposite, I have been made to suffer from personal spite of Mr Eckert against others, and as I found my presence was not agreeable at the A.T.P offices I had no other recourse than take hold of some experimental work for the Well. I must live Mr Gould and if the agents between me & you have not perception enough to deal with an inventor in a different way than with a business man, then you must blame your agents not me.

Yours Edison to Jay Gould

I am the last man in the world to go back on a person who has befriended me if it is avoidable, for instance Mr Ruff of ~~my own~~ has in years past has helped when I was in tight places, consequently I would never ~~take a cent~~ take a dollar of any amount with out he got 'something', ~~after~~ most of the stories ~~started~~ floated by Mr Eckert about Ruff are untrue and he knows them to be untrue. The trouble ~~between~~ Eckert & Ruff ~~arose~~ purely from jealousy on the part of Eckert. ~~He~~ The fact ~~that~~ Ruff was became connected with the G ~~However~~ that is of course of no more ~~a~~ [illegible] consequence if had he chosen would not ~~be Rankin~~ ~~[illegible]~~ ~~[illegible]~~ ~~[illegible]~~ ~~Could in the natural course of events~~ ~~[illegible]~~ ~~to be for [illegible] by Kennedy~~ ~~[illegible]~~ ~~[illegible]~~ ~~[illegible]~~ ~~[illegible]~~ ~~[illegible]~~ ~~[illegible]~~ ~~[illegible]~~ ~~[illegible]~~ ~~[illegible]~~ ~~[illegible]~~ ~~[illegible]~~ ~~[illegible]~~ ~~[illegible]~~ ~~[illegible]~~ ~~[illegible]~~ ~~[illegible]~~ ~~[illegible]~~ ~~[illegible]~~ ~~[illegible]~~ ~~[illegible]~~ ~~[illegible]~~ ~~[illegible]~~ ~~[illegible]~~ back Ruff & Eckert of Volume 61

Form. 80.

Executive Office of

The Atlantic & Pacific & Franklin Telegraph Companies.

No. 145 Broadway.

Thomas T. Eckert, President.
William J. Tyng, 1st Vice President.
Albert R. Chandler, 2d Vice President and Secretary.
Alfred Ellis, Treasurer.

New York, Jan 28 — 1877

Mr T. A. Edison

I have endeavored to draw up a statement in the office from the receipts as you desire, but cannot get a positive result unless by a careful comparison of dates names and amounts with my check book — I will take data home tonight, and to-morrow or next day will advise you

I regret that you have allowed yourself to write me as per contents of yours of 20 inst —

Respectfully

Alfred Nelson

[FROM ALFRED NELSON]

Copy

T A Edison
Menlo Park N.J.

N.Y. June 24/77

As advised yesterday I took home with me last night my check book & the receipts & memo of specific receipts & payments on Dynamo ~~stock~~ 7/8 stock & after a careful comparison until nearly midnight drew off a statement which sent me to bed with a heavy heart as it called for a further payment on my part to you of $562.100. I brought the memo. to my with me this morning & have made up a statement which I enclose confirming my figures of last night to say that I am annoyed at the result & from the matter in a very mild way as besides wanting to recall my conversation statement when made that I had paid in full I ~~[illegible]~~ am $562.100 poorer than I supposed at a time when I have nothing to spare as I have made an exhaustive examination I am quite sure to my sorrow that ~~I am~~ I am right but should be glad to have a statement from you showing how the $1700 claim is formed. If I am correct it only remains for me to pay you which I will do as speedily as possible & you will now come & see me & make settlement ~~& all be~~ ~~settled~~ expeditiously. I make no excuses for my errors they will probably be unknown if from behind I have acted in good faith as I hope you will realize of advantage.

Form 80.

Executive Office of

The Atlantic & Pacific & Franklin Telegraph Companies.

No. 145 Broadway.

Thomas T. Eckert, President.
William G. Lyons, Pres't for Western.
Albert B. Chandler, Second Vice President and Treasurer.
Alfred Ney, Jr., Treasurer.

New York, Jan. 24 1877

Purchase of 3300 shs Domestic Tel Co.

| Receipt No | Date of Receipt | Equivalent in Shares Stock | Payment in Cash | Payment in Note | Still due Cash | |
|---|---|---|---|---|---|---|
| | 1876 | | | | | |
| 1 | April 5 | 600 | 3.000. ✓ | | | |
| 2 | " 7 | 125 | 625. | | | |
| 3 | " 10 | 400 | 2.000. | | | |
| 3 | " " | 500 | | ✓ 2.500. | | |
| 4 | " 13 | 125 | 250 ✓ | | | |
| | | | | | 312 50 | $562 50 was paid in full for 125 shs at $5. less 10% – |
| 5 | " 23 | 250 | | ✓ 1.250. | | |
| 6 | " " | 250 | | ✓ 1.250 | | |
| 7 | " 26 | 100 | 500. ✓ | | | |
| 8 | May 3 | 100 | 500. ✓ | | | |
| 9 | " 3 | 200 | 950. | | | |
| 10 | " 20 | 400 | 250 ✓ | 1.500. | 250. | |
| 11 | Dec 9 | 250 | 1.250. | | | |
| | | 3300 | 9.325 | 6.500 | 562 50 | |

12 64/5 10/ 50 25 50 25

Jay Gould
Jan 26. 1877.

Jay Gould
578 FIFTH AVENUE.

Thos A. Edison Esq

Dear Sir

Your letter of Jan 20th received.

I have always felt very kindly toward you & assisted you financially when but for it you might have been ruined at least so you told me. Now have you requited me for that kindness? I leave you

E.P. 1877

Menlo Feby 19 1877

J. Gould Esq

At first sight it would seem to be a good policy on the part of the A&P to sell the Amd to the Co for $37000. They would give it for the royalties amount to seem other than a mere & at the same time of total uselessness to their interests. It appears to me that it would be very hard to place a negative value to A&P Co. a trade be made.

Yours T A E

31.

own business to answer.

I'm sorry that is about what he returns I will lay your complaints before him. I am certain he would not intentionally cheat you or do you a wrong, certainly I will not be a party to any

Yours Respectfully

Gaslamp Sydney Smith
Feb 19. 1877

NY Sept 9 97

TTE -
Prest & Sec Treas

I hereby resign my position as Supt of our Co to take effect 11th

Elections
1897

T A Edison

Domestic Tel
Bill
$1,123.44
Made
Sept 20 1877

Sept 20, 1877

1

1874. Domestic Tel Co.

| | | | |
|---|---|---|---|
| March 13. | To 202 hr on Fire Alarm at 60¢ | | $21.20 |
| " 19. | To 180 hr " " " 60¢ | | 108.00 |
| ~~" 25.~~ | To 1 Street Fire alarm box | | ~~16.00~~ |
| | To 1 Patent Office model | | ~~25.00~~ |
| | To Roy for time for 2 weeks | | ~~12.00~~ |
| | 120 hours ~~on~~ labor new receiver | | ~~72.00~~ |
| Mch 25 | 1 Magnet Bell | 5.00 | |
| | 15 ft Office wire 80¢ | 12.00 | |
| | 2 Cups battery $2 | 4.00 | |
| | 2 oz Electropoion 10¢ | 2.00 | |
| | 2 lb Acid 6¢ | .12 | |
| | 3 Bottles 1/10 | 2.80 | |
| | 1 Crock | 1.50 | |
| | Cut plein flat plein then | 6.00 | 70.92 |
| Apl 4 | 1 Street fire alarm box | 16.00 | |
| | 1 P.O. model receiver | 25.00 | |
| | To Roy's time 2 weeks | 12.00 | |
| | 120 hr on new Receiver 60 | 72.00 | 135.00 |
| Apl 7 | 1 Fire Alarm clock by circular cam | | 14.00 |
| | | | 449.12 |

Returned well up, A. P. and Domestic Tel. Co. receipt Sept 21, 1877.

1874. Gauntford.

| | | | |
|---|---|---|---|
| Apl 13 | L 748 hr work on a Mrs Receiver | 60 | 449.12 |
| Apl 30 | L 250 " " " " " | 60 | 150.00 |
| June 2 | L Experiment on Bell. | 7.00. | |
| | L Experiment to Recorder | 19.00 | 26.50 |
| June 5 | L Patent Office Model | | 25.00 |
| July 17. | L 25 lb Sulph. Copper 15¢ | 3.75 | |
| | L Bichromate potash etc | 2.00 | |
| | L Boys time one day | 2.00 | |
| | Express to Utica | 1.00 | 9.75 |
| July 21 | L time on new Receiver to date | 3.40.00 | |
| | L Expense of showing it at Orange N.J. | 2.00 | 390.00 |
| Oct 4 | L New Experimental Box 40 hr at 60 | | 24.00 |
| Oct 7 | L Winding paper | | 1.00 |
| Nov 7. | L 80 hr. experimental New Recorder 60¢ | | 48.00 |
| 13 | L 60 " " " " 60¢ | | 36.00 |
| 20 | L 49. " " " | | 29.40 |
| 25 | L 25 lb. Sulph Copper 15¢ | 3.75 | |
| | L 30 hr Recorder at 60 | 18.00 | 21.75 |
| 27 | L 20 hr on New Box model. 60¢ | | 12.00 |
| Dec 1 | L 135 lb Iron line wire | 67.50. | 20.00 |
| | | | $1289.82 |

| | | | |
|---|---|---|---|
| | Brought forward | | 1289.52 |
| Cr. By Cash in 1874 | | | |
| Dec 8 | $100 | | |
| " 12 | $100 | | |
| " 16 | $100 | | 300.00 |
| Dr. Balance Jan 1st 1875 | | | 989.52 |
| Jan 5. | To 1 New Recorder | 65.00 | |
| | To 1 Box No. 444 | 3.50 | 68.50 |
| " 16 | To 1 Recorder | | 65.00 |
| " 16 | To 160 hrs at 60¢ | 96.00 | |
| | Coasting & Japan. | 35.00 | |
| | for new Fire Alarm Sheet Iron | | 131.00 |
| Feb 8. | To Patent office model delr & Cancel. | | 36.00 |
| Mch 8. | To 40 Rolls wet paper Cut 7¢ | | 2.80 |
| Apl 23. | To 1 Box No 38. | 2.00 | |
| | 100 Rolls paper 2¢ | 2.00 | |
| (2) | Alteration on Recorder | 10.40 | |
| | To 1 switch | 3 | 17.40 |
| Apl 6. | To 1 Sheet Iron Pail | $10 | |
| (1) | To 1 Recorder | 65 | 75.00 |
| " 24. | Alteration of Recorder | 6.00 | |
| | 11 District Boxes $2 | 22.00 | |
| | 20 Rolls wet paper 12 | 2.40 | 30.40 |
| | | | 1415.62 |

| | | | | |
|---|---|---|---|---|
| 1895 | Carried forward | | | 1415.62 |
| Apl 29. | 3 Fire alarm boxes | @10 | 30.00 | |
| | 16 District boxes | 2. | 32 | |
| | Boxes packing | | .25 | 62.25 |
| Apl. 30. | 1 Switch board | | 25.00 | |
| | 9 District boxes | @2 | 18.00 | 43.00 |
| May 3 | 1 New Style box | | | 2.00 |
| 4 | 34 District Boxes | at @2 | | 68.00 |
| 8 | 1 Recorder repaired | | | 12.00 |
| 8 | 12 Rolls tape paper | 12¢ | | 1.44 |
| 13 | 15 District boxes | @2 | 30.00 | |
| | 1 Double switch | | 10 | 40.00 |
| 14 | 7 District boxes | @2 | | 14.00 |
| 24 | 1 Experimental Gong bell | | 80.00 | |
| | 17 District boxes | @2 | 34.00 | 114.00 |
| 25 | 1 Relay | | 20.00 | |
| | 9 District boxes | @2 | 18.00 | 38.00 |
| 27 | 25 Rolls paper at 12¢ | | | 3.00 |
| | 1 Desk shipped | | 25.00 | |
| | 1 Table Mch 25 1894 | | 6.00 | |
| | 1 Relay. | | 18.00 | 49.00 |
| July 10 | 3 Relays. | @20 | | 60.00 |
| | | | | 1922.31 |

| | | | | |
|---|---|---|---|---|
| July 24th | Carried forward. | | | 1922.31 |
| June 15 | 50 Rolls paper | 12¢ | 600 | |
| July 1st | 20 " " | 12¢ | 240 | |
| 19th | 8 " " | 12¢ | 96 | |
| (2) 24th | ~~Mans Quarterly~~ Mans time | 3 days 150 | 450 | |
| | ~~Mans~~ Mans time | 12 days. 250 | 3.60 | 47.46 |
| July 17th | 1 Relay desk July 15 | | 20.00 | |
| | 12 Bunsen " " " | | 1.20 | |
| (1) | 3 " large " " June 26 | | .45 | |
| | 1 Seating Dust | | 10.00 | 31.95 |
| July 30 | 10 Rolls paper | 12¢ | | 1.20 |
| Aug 2. | Man's time July 31st inc | | | |
| | 4 days. at 280 | | 11.20 | |
| | Mans time 5½ days. 150 | | 8.25 | |
| | 1 Base for Domestic Box | | 1.20 | 20.65 |
| Aug 5th | 26 Rolls Wet paper | 12¢ | | 3.12 |
| Aug 13th | 2 Horse Rugs at 550 | | 11.00 | |
| | 20 Rolls paper | 12¢ | 240 | 13.40 |
| " 27 | 13 Rolls Wet-paper | 12¢ | | 1.56 |
| Sept 29 | 50 Rolls wet paper | 12¢ | 6.00 | |
| | 20 " " " | 12¢ Sept 29 | 240 | 8.40 |
| | | | | 2050.00 |

| | | | |
|---|---|---|---|
| | Carried forward | | 2052 05 |
| Oct 14 | 1 Domestic Box (New Pattern) | $5 | |
| | 1 Relay | $20 | |
| | Mari' Line 6 x 4 at 60¢ | 3.60 | |
| | This was sold to Fear of Newark | | 28 60 |
| Oct 14 | 2 New Domestic Boxes | $5 | 10 00 |
| Oct 25 | 12 Rolls paper order 64 | 12¢ 144 | |
| | 25 " " 66 | 12¢ 300 | 4 44 |
| Nov 5 | 12 Rolls paper ~~no order~~ | 12¢ | 1 20 |
| 20 | 12 " " | " | 1 44 |
| 25 | 17 " " | " | 2 04 |
| Dec 1 | 12 " " | " | 1 44 |
| 27 | 22 " " | " | 2 64 |
| | | | $2212 85 |

Cr 1875

| | | | |
|---|---|---|---|
| March 16 | Cash | $200 00 | |
| " 22 | 6 Bxs Bros Net ½ | 120 00 | |
| June 2 | Reduction by order of Board of Trustees | 150 31 | |
| Nov 22 | Cash & Edison (date unknown) | 50 00 | |
| | Cash & Patents | 20 00 | |
| | | 432 31 | 432 31 |
| | | | 1669 54 |

| | | | |
|---|---|---|---|
| Dr 1876. | Carried forward | | 1669.54 |
| Jan 12. | 24 Rolls paper | 12¢ | 3.60 |
| | 1 Repeater del'd July 20 1875. | | 50.00 |
| | | | 1723.14 |

November 12th. 1874.

The Atlantic & Pacific Tel. Co. Dr

To Thos. A. Edison.

---

May 21st. 1876. To 1 model 3 key perforator $414.40

Rec'd payment

[TO JAY GOULD?]

[illegible] Telegraph [illegible]

You did

I see you ~~[illegible]~~ did not ~~choose to~~ wait the extra 4 years to make A.T.P a success, WU will be the Telegraph C ~~and always will be~~ for the ~~next~~ 40 years after that We

I see you have awakened out of your Telegraph Sleep, given the boys the vision and ~~[illegible]~~ gone for the reality. (If you have left?) Now that you have left, have you any idea that I shall ever obtain any Compensation whatever for my Automatic Interest from the A.T.P People;

Yours
T A Edison

P.S. Have just completed my Speaking Telegraph which talks as loud & as plain as you & I do & also record & completed a machine which records the human Voice on paper from which after the lapse of any time the same Voice can be reproduced at any speed & with all its fine inflections,

## 1877. Telephone (D-77-019)

Correspondence, memoranda, some by Edison; agreements.

Not selected: duplicate copies of agreements.

OFFICE OF

# THE INDIA RUBBER COMB COMPANY

Nos. 9, 11 & 13 MERCER ST.

P.O. Box, 814

New York, Jan 9th 1877

Mr. Thos. A. Edison

Menlo Park N.J.

Dear Sir Telephone handles like sample left with us will cost for the first thousand, $1.00 each; subsequent lots can be made cheaper. There are many modifications that might be made, and that will reduce the cost; and if you should wish to order, we would like to have you make an appointment to meet our Superintendent in regard to the same. We would however suggest the following change, provided the present shape is not absolutely essential, viz: Following the dotted line (see diagram below) instead of having all that bulky square mass of rubber. We should

2

OFFICE OF

# THE INDIA RUBBER COMB COMPANY

Nos. 9, 11 & 13 MERCER ST.

P.O. Box, 814

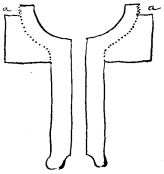
New York Jan 9. 1847

also at a a should be done away with, if our notion is correct. that is, that a diaphram is to be inserted between the cap & handle, in that case the point would probably not close up.

Yours Truly

The India Rubber Comb Co

Jas W. W.



**WESTERN UNION Telegraph OFFICE.**

New York, Jan 27, 187

Dear Sir: I want to talk with you about "acoustic" as I may give me opportunity. I expect to be at home in the next week or two.

Yours truly
Wm Orton

Thos A Edison Esq
Menlo Park
N.J.

---

$3.00 per Annum. 30 cents per Number.

THE PENN MONTHLY,
DEVOTED TO
LITERATURE, ART, SCIENCE AND POLITICS.
Published for the PENN MONTHLY ASSOCIATION, by
EDWARD STERN & CO., 125 & 127 North Seventh St.
To whom all communications should be addressed.

Philadelphia, April 4 187

Mr Edison

Dr Sir

As I am very much interested in your science, I would ask you as a special favor to allow me to construct one of your musical telephones, and also for a few hints, in constructing the same

Hoping you will grant me this favor I remain Yours Resp

W. A. Stern
836 N. 5th St.

---

ELECTRICIAN'S DEPARTMENT
WESTERN UNION TELEGRAPH COMPANY
GEORGE B. PRESCOTT,
ELECTRICIAN.

NEW YORK, March 30. 187

Permission is given to the bearer Mr. Thomas A. Edison to visit the Operating Room for the purpose of testing his apparatus upon the lines.

George B. Prescott
Electrician

Telephone

New York May 16 1879

T. A. Edison

Sir It is our intention to give the 1st Exhibition of the Edison Telephone at Newark on the 24th inst and as soon thereafter as possible to go on the road and exhibit the telephone in every town where there is a possibility of us securing a pecuniary benefit for our venture. We intend to start within a week through Penna, on our way west. It is our intention to give a first class entertainment - that will both amuse and instruct the public. We are amply provided with Capital to prosecutely carry on this enterprise, independent of expected gains we may realize from receipts from exhibitions. You are to furnish all the necessary instruments and supplies for a musical show. Therefor we to furnish our own. We agree to pay you a royalty of twenty five dollars for each evening we give an exhibition to be held daily or weekly through such hostelries or means as you may desire. We also agree to show six nights in every week if possible, unless beyond our control may sometimes prevent us from showing every night.

We are to have the exclusive use of the telephone for Exhibition purposes for one year from date of performance we agreeing to give up least one performance per week

Geo. W. Cleveland

Chas. P. Edison

Memorandum of
Agreement between Thos
A Edison and Geo Caldwell
Musical Telephone
May 16, 1877

(1)

This agreement entered into this 16 day of May 1877 by and between Thos A Edison of Menlo Park Middlesex County state of New Jersey party of the first part and Geo Caldwell of Newark Essex Co state of N Jersey and Chas P Edwin of Menlo Park Middlesex Co state of New Jersey parties of the second part witnesseth,

Whereas the said party of the first part is the inventor ~~owner of a~~ musical telephonic apparatus ~~[illegible]~~ for which he has applied for Letters patent in the United States; and Whereas the said parties of the second part are desirous of securing to themselves the sole and exclusive license to use the said musical telephonic apparatus

for the purposes of public Exhibition, only, and for no other purpose, for one year from the date hereof. ~~Then~~ Therefore be it agreed that in consideration of the payment of the sum of twenty five dollars for each and every Exhibition of such apparatus for a public audience, the said party of the first grants and does hereby grant to the said party of the 2nd part the sole and exclusive right aforesaid for one year from date upon the following conditions,

first that they the said party of the second part will exhibit the said six nights in each week during the continuance of the contract providing they are not prevented by causes beyond their control

2nd That they the party of the 2nd part will transmit to the said Edison by express or postal order the sum of twenty five dollars on the morning after each Exhibition,

3rd that they the party of the 2nd part will not make, use or caused to be made any apparatus except by permission of the said Edison

It is agreed on the part of the party of the first part to furnish two complete sets of Telephonic apparatus free of expense to the said parties of the 2nd part which is to remain the property of and be returned to the said party of the first part when this contract shall end,

In witness whereof we have set our hands and seals

[redacted]

WILLIAM ORTON, *President.*
GEORGE WALKER, } *Vice-Presidents.*
GEO. B. PRESCOTT, }
JAS. D. REID, *Secretary.*
GEORGE B. SCOTT, *Superintendent.*

GOLD AND STOCK TELEGRAPH COMPANY, D

SUPERINTENDENT'S OFFICE,

WESTERN UNION BUILDING.

New York, May 24 1877

Geo. B. Prescott Esq
Vice Pres't

Dear Sir

I am informed that a Co has been started in Boston & Springfield to lease Telephones @ 40.00 per year – and that they are going right ahead – also that there is an agent here who is going to begin as soon as they can get some instruments finished

This is only hearsay but if there is anything in it, it shows the people interested mean business –

Can we not get ahead of them? It would hurt our business seriously if they got ahead of us –

Yours resp'y

Geo B Scott
Supt

Hon. U. S.

Atlantic & Pacific Tel. Office
Boston May 27 1877

Thomas Edison Esq
Dr. Sir.

Is there any truth in the newspaper reports that you have invented or manufactured an instrument similar to Prof. Bell's Telephone? If so of less complicated nature & more easily worked than Bell's the reason of my inquiring is because Frank Hannaford & myself are seriously thinking of buying or hiring a large number of Bells Telephones which he offers to let to the Public @ $25 a year a year & no doubt could get large discount off and disposing of the same in Boston & vicinity for short time purposes

Hoping to get a speedy reply, I am
Your old friend. Dennis J. Heney
c/o A. & P. Tel. Co. Boston.

(See memo. at the other)

P.S. In case you have forgotten me please allow me to say your memory by stating that I was in Boston first I was Operator for W.U.Co. but nominally a test operator at Chicago & P.R. 1875 have been Operator last 7 years in charge of Frankfort St. Stock Office Boston but for last 2 years sort of an assistant to Manager Bell's having charge of Boston & adjoining towns adjusting claims for delay &c

* J. Henn
May 27 77

Caldwell
June 3. 77

Philadelphia 3rd

T A Edison.

No you are aware we have met with a failure financially the business was outrageous and up to the present time I am out nearly $300. I thought it best to come while I had money enough to pay the fares home. I have however not giving up the Telephone, but will work it different I will now try to make arrangements for Exhibition for Churches for a evening and in the fall take the road again

Receipts now $26 in hand
Expenses $76. but when
we got to Lancaster
85 cents was the sum
total in the house at
8 P.M. we intend show
there but got out
of town as soon as
possible. Charlie will
tell you all the particulars
I shall remain in Phila
a few days and try and
arrange for a chance
to show the telephone

Bell

The telephone worked
very successfully and
gave great satisfaction
we intend out to take
this mention is not
for amusement

OFFICE OF THE

Western Union Telegraph Company,

June 6 1877

Thos A. Edison

My Dear Sir

Some people in this building have been importuning me about giving them a chance to hear the Telephone. Will you be so kind as to say yes or no if you will?

A. S. D.

J. C. REIFF.

No. 52 BROADWAY.

New York June 17th 1877.

My Dear Edison

Phillips Director of Telegraphs at the Centennial and now at the Permanent Exhibition in Philad.a came on & see you here - failing & took him in charge, & after full talk came to this agreement - That if you will furnish us with a complete set of Telephone apparatus I will take it to Phil.a & give a series of Concerts under the ~~Auspices~~ Auspices of the Exhibition folks. Phillips will furnish all the wire & Batteries needed - Now the question is What will it cost to do so. this I could not tell him - but told him that I was just preparing to go to Phil.a for a few weeks & could be glad enough to engineer this

thing for him at a moderate rate of Compensation -
What will you charge me for the use of the Instruments for this purpose - that is to say what proportion of what I can get out of them would you want for your share - the auspices are good - as the Exhibition folks will themselves make the arrangement & Prof Barker will "do" the Scientific -
If this should be a success one of the interested parties will want me to go Elsewhere (say to the Watering places) which is under his patronage
I think this is a first rate opportunity to bring this thing before the Public in the right manner

J. C. REIFF.

No. 52 BROADWAY.

New York, _____ 187

I expect to see Prof Barker at the Stevens Institute tomorrow Eve. & if you will advise me meantime that it will be agreeable I will ask him out to Menlo to see you (& it)
I want also to see the "Speaker" as I am quite sure a good market can be had for it for Private Sales at once
Will you be in tomorrow

E H Munn

MEMORANDUM

FROM MEDICAL DEPARTMENT,

Provident Savings Life Assurance Society.

WESTERN UNION BUILDING,
Broadway and Dey Street,
New York,
Mar 13 1877

Mr Edson I am anxious to witness the performance of a Telephone, on Sunday instruments I understand you possess. Will you be kind enough to let me know on what terms and on what occasion you will exhibit it to me and a party of friends? Yours very truly Geo B Fowler M.D

Phila June 29 / 77.

My Dr Edison

Made a trial of Telephone last Eve. Put 5" & chest. & Centennial grounds 5 miles worked very loud & strong. but couldn't get coarse bugs out of it. thinking they were caused by some defect in diaphragm I came down & examined it. & found that point in ~~from~~ diaphragm loose - Made had it riveted again - very little so as not to spoil vibratory power of brass, & propose to try it again ~~this PM~~. I find it very handy to have a Rheostat at Rec. end to regulate the volume & quality of tone - I use gravity batty 75 cells works fed half -

I am going to cut down the block on which the

Wheel rests so as to put the brass arm lower down - It seems to me to want some sort of deadening its too sensitive -
They are perfectly satisfied with the quantity but want the quality of tone improved - that's all I got to do to make it a success in which case it will be extensively advertised & kept on the boards for some time. it is proposed to get a wire from a K P & bring Music consecutively from Balt. Boston & N York - Of course I am trying it to see if it will carry -

THE DEPARTMENT OF
*The Police and Fire Alarm Telegraph.*
*Office of the Superintendent,*
S. W. Cor. Fifth & Chestnut Streets.

2 *Philadelphia,* ..... 18

Phillips was very much disappointed that I did not bring 3 or 4 speakers - I did expect you would send me 2 & I write this to know if you won't send me another one at once - It is very risky business depending on one kid so delicate - besides we want a duet - at least -
If you will send this by 1st express I think I will be able to make this effort a financial success
Write me a few line giving any suggestions you think I haven't

E H Johnson
June 29, 1897

Observed -
Read everything in
Case
W J Phillips
Opt Phil Police
Fire Telegraphs
Phil

Yours
E H Johnson

E. H. JOHNSON,

Telegraph Engineer.

Phila July 18 1877

My Dr Edison

Mr Wright tried on the 22 speaker
the [illegible]

I have worked it up until
it is in top condition
made the change of position
of vibrating arm on tuning
fork - squared everything
up so as to make it work.
And will today get proofs of
wires & sponges for the
present ones - & have them
properly tuned as you
suggest

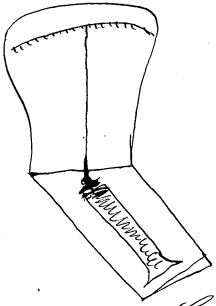
The speaker I have had a
good deal of trouble with

2

the Platinum point came out of Diaphram I had it recovered but it came out again I then had a new one made somewhat larger - putting the Plat. on a piece of heavy copper wire burning it down so as to form a shoulder & then riveting it heavily on inside - resulting in a thoroughly good job & leaving Diaphram in better vibratory condition than before - the 3 screws which hold the Diaphram head in position worked so loose in the brass shoulder that they rattled loose &

3 Changed adjustment of
Diaphram Tension - the
I set the threads up a
triffle & fixed that -
Finding that Every voice
requires a different adj.
& that the fractional part
of a hair adjustment
made a difference I
had 2 holes bored &
tapped in End of base &
a sheet of metal 8
inches high screwed on
& stand upright in front
of diaphram & marked
off in a scale - a long
wire or pointer set in

4 the head of the adjusting screw thus —



thats not very handsome but I guess you know what I mean
By this Contrivance I am enabled to find the Exact point on

5

the scale a certain voice requires - & upon throwing it out & putting it back to that point I find the adj. right Everytime -
this saves annoying adjusting before an audience and enables me to move the adj. screw finer
I gave a preliminary rehearsal the night of the 3rd - having the Mch. in the immense auditorium - Everybody

6

Said it would simply be impossible to hear it owing to the huge dimensions of the Building You should have seen the surprise & heard the applause. When the first tune came out It was clear & nice & Extraordinary loud - several of the Exhibition folks went to the far side of the Building & heard it distinctly I kept it up 2½ hours With unwavering success - & at the close,

I the managers pronounced themselves not only thoroughly satisfied but very agreeably disappointed and at once decided not to bring it out merely as an incidental thing but to make it a special feature of the Exhibition this necessitates the postponement of the Exhibition for 2 weeks - the time meanwhile to be occupied in exciting a live interest among the proper classes this is to be done by inserting in the 15 Daily

8/ Papers in which the Ex. Co. advertising - Every day some new scientific note or squib about you & your career - these 15 Daily papers are to talk of nothing but Edison & his inventions & discoveries during that time - are of course made to contribute to the kindling of an interest in the "Electro Motograph Telephone" I am to furnish all the squibs - or rather the information upon which

they are to be based so that it shall be reliable & have a real interest for scientific people. Hence I want you to give me every day or as often as you can some little scientific note or observation that you have made that is new - like for instance the rapid reduction of Res. of Plumbago under pressure - the effect of the passage of high notes through an Electro Magnet - the effect through the Motograph - the peculiar

10 property of the motograph
in creating a dif of friction
- the method of transmitting
graduated Battery Currents
- r c & c - all of
which will be duly
credited to you for
the immediate purpose of
directing attention to your
telephonic labors -

All this of course being
done in a proper manner
cannot fail to be
advantageous to you
all they ask that you
may have objection to
is this - the Exhibition

" is Established as an Industrial school - and it is the aim of the Managers to get hold of Every good thing they can and bring it before the public as Emanating from the Industrial Palace of America of Course your name will be constantly linked with Every item - & in fact Every Effort made to Establish a reputation for you individually - but rather as it were - making the Industrial school your Laboratory instead of Menlo Park - this

(now take back of Page)

will call more attention
to your works than any
-thing else - & cannot but
be beneficial to you so
I have told them that
I did not think you
would object to their
thus advertising their
Institution & the world
if they took proper care
to credit you individually
with the works Inventions
& discoveries you have
wrought - this they say
it is their interest to do
as it will be their pleasure

E H Johnson
June 5 1877

E. H. JOHNSON,

Telegraph Engineer.

13.

.....187

I think it the very finest kind of an opportunity for you to inform the world what you have been doing - these little squibs will be copied by papers the country over as well as by papers abroad hence I want nothing put in but what is sound & will reflect credit upon you

14

The entire morale of the Permanent Exhibition -which by the way is much better than you think) is to be loaned to create a stir in scientific circles on this subject Barker is to do the talking when the time comes and it is confidently believed that the result will be a prolonged engagement of the telephone

E. H. JOHNSON,
Electrician & Engineer.

15

But the main Idea is to advertise the Exhibition of the world as the Grand Panoramic Stet upon which the Scientific Genius of america may show the world what they are doing I have sought to make this an opportunity to put you in your proper place in relation to Bell & Gray in the Telephonic Art. I have succeeded beyond my Expectations

16

Inasmuch as you will be given an opportunity to assume your proper place in relation to Telegraphic inventions - Etheric & Everything Else - I am not limited to Objects, only to such as are yours -

You must heartily second me in this - & it is to get you to do so that I have so fully Exhibited things generally

Yours

Arthur

243 No 12 St

E. H. JOHNSON

Photographic Engraver.

243 N. 12th St. Phila
July 5/77

My Dr R.

Been getting acquainted with the Telephone & developing it day by day till upon occasion of a Rehearsal before the Managers & some invited friends on the Eve of the 3rd I was able to convert a previously existing dissatisfaction into Enthusiasm. The rehearsal was given in the large Auditorium in the Main Bldg - where an immense volume of sound is required to be satisfactory - Office it that Everybody was astonished - & that it could be distinctly heard all the way across the Building - result - its & c.

2

Made a special feature of the Exhibition & brought out with great eclat as a scientific discovery - and the discoverer is to be introduced to the world thro. the medium of 15 Standard daily papers by means of daily Cyclic Covering every invention discovery or scientific observation he ever made - also brief sketches of his career are to be given - all this to herald the introduction to the world of the 1st Contribution to Science made by the Industrial Palace of America the Great of the United States - "Bring out such products of the genius of America as this - It is a lovely opportunity for Edison & I have written him in full urging him to make the most of it & send me little bits of scientific interest by the bushel - also anything

Transcribed to Keith July 5, 1887

in relation to his other inventions
or his personal career - we will
be published & will go the rounds
of the Press of the Country -
If he succeeds my efforts in this
in less than 60 days he will be
the recognized leader of the Telephonic
art - instead of the novices now
claiming that position -
2 weeks from last night is the time
set apart for working this thing
up - The new manager Spear - is
a thorough practical man & knows
what he is about - so that this thing
will be brought out in good style
You can give me a lift too
by letting me have a copy of
that Prospectus - you wrote for Ben
Butler - & sending me any little
quirk you think interesting
Write me a line about the
Telegraph matters
Yours
[illegible]

Dear Edison July 6/77

Kirk reminded Wheeler of his promise. Received a very encouraging letter from Edison. He seems better pleased with the Phonograph in its very good shape.

I am especially pleased at the prospect of getting some fair scientific statements published about yourself.

You will see that Edison is not standing in squints of his hat the type rule.

Yours JCR

243 N. 12th St. Phila 7/10/77

My Dear Edison

Please send the 2nd Speaker as soon as possible —

I enclose some Sketches cut from Monday's papers & will add to them what is in today's papers before mailing this — I hope to get one out tomorrow which will tell the Record [illegible] a somewhat [illegible] account of [illegible] Exhibition folks by some newspaper fellow who knows you — the long item headed "Telephones" is from Forney's Press. I wrote it very hastily Saturday Pm. for the purpose of giving Green Mang^r of the Exhibition a general notion of what led to the Telephone & he took advantage of me by publishing it entire just as it

Was - If he had not distinctly
told me he simply wanted it for
his own personal information
I should have taken more pains
to put it in good shape -
They are now printing anything I
will write - If there is anything
you would like to have in print
Write it out & send to me immediately
They will publish anything that
refers to you or your doings
Tell Patch to make up a lot of
squibs & send them to me -

I give another rehearsal latter
part of this week & should have
that 2nd speaker at once -
Keep me advised how the speaker
is doing - & Don't let any body
have it for purpose of Exhibiting
these folks are awfully anxious
to Exhibit it & I think you will
soon when this is over that they are
the proper parties to handle it
What new in Telegraph ooo Yours J Sherman

Application
Eng 10.1.71

E. H. JOHNSON,

Telegraph Engineer.

Phila July 10 1887

My Dr E

Since writing today I rec'd yours
- The record you send is very
interesting - I shall try setting
the contact point to one side
- leaving the present one in
its position as a weight. It
quite long & will probably be
sufficient (?) I should much
prefer however not making
any change for fear of
disabling the thing - if you
could only send me another
I would not touch this one
Charlie is wrong - I think

Dig done more experimenting
to get the Bugs out than they
Ever did – I find it makes
a derelick big difference
What sort of Noise you have
on – Dig got a scale for various
voices – I use 60 cells of
Carbon on 5 miles of No.
12 Iron wire. I just tell
you I make Some howl
You must remember Dig got
to ride over the enormous
acoustic difficulty of
filling the Biggest Barn in
the U.S. – the academy of
Music would be a flea
bite to it – I Dig done it
so as to be heard Clear
I think 600 feet away

E. H. JOHNSON,
Telegraph Engineer.

3

& do that which away the
Boys in the Mean job -
Phillips & my right hand
Man & a Brick - He tells
them Every word I say
about you is Gospel - that
You's "all my fancy painted
you. You's lovely & divine"
& they are willing & say
that the Public shall know
it - You don't understand
about the "Industrial
Palace" Eh. Well it is funny
this they want the world
to think they deserve
great credit for introducing
you & it is - putting

4

You on exhibition so
that the aforesaid World
shall know what you are
doing – that's all – simply
want credit for preventing
you from "hiding your light
under a Bushel" – guess
you can afford to take
unlimited doses of that.
But you can get a
good idea of all they
want by reading a line
in one of the articles
"Under the auspices of
the permanent Exhibition"
I'll send you papers daily
– but they would be

E. H. JOHNSON,

Photographer & Engraver.

More interesting if you would send me some items — I see the N.Y. Com. copied part of the Press article today. I didn't revise that printed description you gave me — not thinking they meant to publish it — I'm sorry for this as its not very clear —

Draw me some fodder

Yrs Johnson

1877

Geo. W. Caldwell
1161 Broad St.

Newark July 12th

T. A. Edison

I was surprised to see a notice in the Newark Journal quoted from a Phila paper that the Edison telephone had been exhibited at the Roosevelt Exhibition and that another concert would be given on the 18th. A short time ago I remained in Phila for week to effect an engagement such as is now established. I often & often succeeded in getting a promise of some Gov. Phillips and others that

I was to have a chance after the 4th of July

Now if they are paying any thing for the use of the separator and I am thus cut off from any prospects in the share of said arrangements. I do think that I have been very badly treated in this matter as you are aware I have spent considerable money in this matter and not myself have seen or more than just that I should have had an opportunity to settle some of my losses especially in the case mentioned where my personal exertions were used to get said engagements. Furthermore I have considerable debts for my last unexcepted venture which I am obliged to pay and will have to do it, but I am afraid not out of any money I can make with the telephone

I have a letter from a party in New York with whom I opened negotiations for taken the telephone & Barrett he has written & his partner also & they have answered he wants me to come to New York tomorrow and see him. I am afraid to make any arrangements for fear

Bro Calaqueo

Other passengers ship July 12-79
are always wind I take
hold of offers when all
the works of doing small
steps in which I have
all the arrangements
made and leave me out
in the cold

What are the best
terms you can get
me to take the telephone
to Europe for Exclusive
purchases. You furnish
all the instruments with
all the Batteries and wire for
working same. ammunition
in order to do so can give
answer to work in New York
I have sole control of it
until returning to you.
Edison

29

Phonograph & Telegraph Corr. July

Phil: July 17th/77.

My Dr. Edison

I send you todays papers showing effect of rehearsal given last night. It came very near being a failure owing primarily to my having but one transmitter but directly to the interference of a Musical Director who being at the transmitting station insisted upon trying a Clarionette during the performance. Now as the air vibrations of that Inst. go in great part out of the vents on top - instead of out of the funnel the natural result was that we only received one half the notes - and further disaster was wrought by getting the Inst. all out of time for the voices - in requiring some little time to get it back again - Nevertheless the day was saved by promptly

remedying the trouble - & better
times were promised at the
1st public Concert which comes
off tomorrow night - & for which
I am praying you will furnish
me with a 2nd Francmiller
I am risking everything on
this one - I confidently expected
you would send it on the 12th
As you said in your letter
& today could only send you
a despatch to "get it to me"
somehow sure tomorrow am
Barker is quite enthused
& talks right out - making
however one of Bees absurd
predictions for which I was
sorry & would have prevented
if I could. - viz - about bringing
European Opera here by wire -
We will again lecture tonight
before a large audience

& I presume will be reported. He will be accompanied by Draper - & Wallace of Ansonia - The trio leave here Saturday for Menlo Park where they hope to see "much that will be of interest & the greatest of Science" -

You will find the text of it in the Ledger - Child's paper - they sent for me to give them an accurate description - which they published - making me say "Solder" where I said "Rock" but with that exception publishing me correctly - so you may criticize it

The Graphic also sent for me ~~yesterday~~ today & arranged with me to sketch the transmitting end this Evening & the other end tomorrow Evening when the Audience is assembled. -

this will be quite an interesting
Sheet. Taylor the Art President
here says under such circumstances
the sketch is a legitimate
"News" production. but as it
is also quite an effective
ad. it is customary for
parties interested to take some
papers I have agreed to take
too. the Exhib. folks I presume
will take some - & Taylor wants
you to take some. through
us - as otherwise they don't
go to his credit - takes 5.
per 100. Will you take a
few? - & order to make up
the 300 that he says pays the
cost of the drawing -
The Drawing will be ready
Thursday & I should know
Thursday early if you want
any & how many as the

5. No engaged I presume has to accompany the Sketch & Work to ensure its publication -

Taylor is very anxious to come to Menlo Park & sketch you. Lockwood as a business adv. says owing to the agitation of your works & name at the moment the Co would make very liberal terms - & says that (in view of the fact that I wrote the "Press" Article & the Ledger description) that the Columns of the paper would be open to me to write anything about your establishment & Chair - I told him I should let the Matter before you & have you hand on & consider it -

Please do ~~[illegible]~~ now as to the latest Idea of Mechanically speaking the Letters of the Alphabet.

Lost in Freeman

Prof B. is delighted & says it looks as if you might reach by a short cut the End sought by Scientists for ages. viz - the Ascertainment 1st of what constitutes a vocal sound of a Letter & 2 - How to mechanicall reproduce it. - It was that Letter which decided him to take his guests to Menlo Park -
He alluded in his speech to your Plumbago discovery & characterized it as the most important & valuable discovery of your many extraordinary ones & otherwise Eulogized it & you - You will observe that he unequivocall pronounces your Telephone the best of all - as do the newspapers the speakers must follow in the wake of all this Fuss

E H Johnson

Philad^a July 20/77

My Dr. R.

Your postal rec^d. It was brief but I suppose you thought it contained the pith of what would interest me. Still I must insist that I would be somewhat gratified to have a more definite & specific reply to my interrogatory - put to both you & R.W.H. as to the status of the Telegraph Question - I presume something - however trifling - has been accomplished in the 4 weeks of my absence. Or is it transpiring that Edisons prediction is to be verified - & that we have only been indulging in the construction of castles in the air.

R.W.H. was taken back July 4^th - at $60. per month. (Blair gets $80.) - I wrote D.H.B. remonstrating and showing up some of the pettiness of the Phil^a Office

but it has borne no fruit unless some removals of incompetents within a few days are traceable to it - Of course I got no direct reply - they never do that sort of thing - I wonder upon what principles they conduct correspondence -

I am having a good time - professionally - my "Button holes" are fingered by gaiety with prefixes to their names - scientific of course - A genuine sensation has been created - I am told my hastily written article on Telephones published in the "Press" couple weeks ago has been extensively copied by such papers as the Boston Advertiser The New York Sun - the Cincinnati Commercial & the New York Times Item is a palpable misrepresentation -

Last night's performance - the 1st Public Exhibition - is pronounced upon very favorably by two of papers notably the Press - which alludes to it Editorially

& styles Edison "One of the greatest inventors of the age" - I send him copies of all most important papers. The Exhibition last eve - was in connection with a stereoptican display which combination I thought much more appropriate than to attempt as Gray & others did, to make it a musical performance - & thus have the product criticized as music - instead of a scientific display - The audience - consisted of a very nice class of our Philadelphia people - considering the season - & was considerably over 5000 in number - they left no doubt either as to what they came to see - it was the Telephone - now as to hearing it - upon the announcement that the Telephone was about to speak - or sing - there was a general move from the outer circle toward the stage - then I

Caused to be interrupted by having them requested to await the 1st time - before coming closer - the result was that of the 5000 people present not a score came a step nearer during the performance. In fact many who were near went back - & many strolled off toward either nave until the audience was very loosely spread over almost the entire space between the Roosevelt organ and the South Entre - entrance door - Now with this vast concourse of people - a moist atmosphere and almost an open air space - no walls to throw back the sound - Everyone was able to hear & enjoy the music - Can any one do this with magnets for receiving instruments - If so his name isn't Gray -

As for Bee Barker told them last Eve just what I did in

(5)

5

the papers - that it was limited in capacity to produce sound - He went so far as to assert that it would never come into general use because it was impossible to hear it 6 feet away from it - His speech should have been reported - it was a description of Gray's Bell's & Edison's Telephone He dismissed Gray as a toy & left him no where - & as for Bell - well he practically put him in the same boat - then he took up Edison & shewed what he had accomplished - & predicted Orders of practical character Dr Edison was a man who if he wanted anything & it couldn't be found in the laboratory or known things went to work & made original discovery to supply it - (Shows that) - He then illustrated - by explaining the Motography & the Graphite discoveries - & their

this to an audience including in its bosom many Professors from all parts of the Country Prof. McGill - I think from Boston - Draper N York - Prof of Racine (Wis.) College - & a host of others whose Names I didn't catch - I was introduced to so many I lost all remembrance of them on their part as soon as they got done talking - Chicago Tribune N York Tribune, Louisville Courier & a host of smaller fry were on deck.

I got the 2d transmitter from Edison after performance began last night - it was fearfully disgusting He promised to send it on the 12th - & upon my telegraphing he sent it on 8 am train the morning of the day of the Concert - It failed to reach me - & though I turned Penna RR upside down I Couldn't find it - then telegd

(67)

New Brunswick & Metuchen to
know if there, & if it had been
were going to order an afternoon
through train to stop & bring it on -
It turned out Adams Express
had it en route all day -
It was a great disappointment
though my good luck didn't otherwise
desert me the Old one worked with
much better effect than on the
rehearsal of Monday last &
the entertainment as such was an
unmitigated success. When by the
turn of a hair - it might have been
the most ridiculous farce ever
heard of. I now have 2 good
Asst. he having sent me some
Extra Diaphragms & I am preparing
for another entertainment next
Wednesday which will be the
"Best I can do" - & at which
we will see be disappointed
if there are not 8 or 10,000
people - I got 3 cheers & tiger.

July 20. 11

Refund 4 2 cts
Splendid

Wednesday night - which was my first Compensation - but I shall get 50.# Saturday - & each succeeding week as long as I can improve on it & keep the interest up. They will only give one at a week in order to prevent it being made commonplace - & give me time to work up something new. If I had Edisons fertility I suppose I might keep things "hot" all summer - nevertheless a 6000 audience, in mid summer the greater part of them going a distance of 4 miles & in a rain storm - isn't bad -.

The next epistle passing between No 243 North 12th & 5th Broadway I fancy will emanate from the latter address

Well yours

Johnson

(July 20. 1877)

**Automatic Telegraph Co.**

310 Chestnut Street, Philadelphia.

B. FRANK JOHNSON, Local-Manager.

Philadelphia, 187

Edison

Run all day to find Instr. Did not arrive till late in Eve. Had to use One I had – Frank was helping me & got sick & failed to put in appearance & time to test – So up to hour of beginning of Programme I today had a note & didn't even know if my Connections were ok or not. While closed out before me was an audience of near 6000 people. Frank finally got there I gave the signal & the thing went off a little inharmonious

E H Johnson

but I soon got that out & afterwards Everything Came good – 4 of the Pieces were encored & had to be repeated. the best of the Evening was a medley sung by my youngest sister. she was applauded for full 3 Minutes – though the Papers only Mention the Encore of Prof Briscoe a local Church Celebrity. I am going down town now to fix the new Instr. &c. & tomorrow night will have a private rehearsal & arrange a regular Programme for Saturday Night – Read the Press Report of the Sound – The N.Y. Times man is a fool – Everybody says it may would fill & close 100 feet square.

of the immense Barn we are using while the fact that we filled the building is proven by the fact that of the immense audience Extending back 500 feet there dont not a dozen who made an Effort to get Closer –

I have an Engagement this am which a lot of Prof's – Racine Wis. Boston. Louisville & Chicago – to more fully Explain the Motograph – Prof McGill among them there is a great call for you personally

Cant you pay us a visit –

I dont send you all the papers theres too many, I send you those giving the fullest accs –

I am told my original "Press" article on Telephones being extensively copied in Cin. Cin. Paper. N York Sun Boston adv. & others –

Reporter of N.Y. & Chic. Times present last Eve.

Hastily Yours

E J

The Stereoptic is only incidental as you will notice by the reports –

The Central District and Printing Telegraph Co.

OFFICE, FIRST NATIONAL BANK BUILDING,

Corner of Fifth Avenue and Wood Street,

Pittsburgh, July 21st 1877

Friend Edison -

I expect to go East tomorrow with my wife, and shall leave Phila on the first train monday morning — which stops at Menlo Park, and want to spend the day with you testing your Telephone - We shall go over to Newyork on the evening train -

I hope you will have it in good shape for I through tests, as I and everyone thought at better results than Bell gives - There are so many things that interfere with Bells, that I seriously doubt whether it can be used to a very great extent - It certainly talks plain distinctly, as well in fact that myself and party, 28 miles apart, had not - particle of trouble in distinguishing each others voices,

Metal circuit, and all other lines open — We however have very little trouble anywhere with a metallic circ, but the moment we break the ground trouble begins anew —

I hope you will have wires as musical as that we shall be distant — beyond the sound of each others voice —

Yours truly,
Wm A. David

Copyright 1977 Telephone Collectors

P. O. BOX 5.

Lehigh Valley Rail Road Company,

NEW JERSEY DIVISION.

SHIPPER'S OFFICE.

Perth Amboy, N.J. July 24th 1877

Prof. T. A. Edison

Dear Sir.

Have you a Telephone (of your own manufacture?) if so what is the price asked please answer soon and oblige

Yours Respectfully

E. R. Bussey

Shipper

P.S. also price of your Electric Pens)

Philad^a July 27/77

My E.

I sent you today a small Pkg of Chloride of Potash I had contemplated sending it by mail else I should have sent more of it - It will suffice however to enable you to make a test - & (if you think it worth while) & Wet me a Roll or two & send on. I have no means at all of Wetting paper here or would not bother you - I want some more paper any way so may as well have a Roll or two of it - Please let it come forward immediately, so I will not get caught in a trap again.

Prof Barker suggested my making an attachment to the sounding Board of a Piano - & sound on this your letter came telling me to try a larger Dulcimer - Not being able to find such a thing here - It struck me that the Piano did the same thing so I tried it - (I have since learned where I can

find the Dulcimer & as soon as I get some money out of the Concert I am going to get them & of the proper thing for you buy you the one promised - I wish you would meantime send me a description of the exact article you want -
The Piano test was partially successful - though by reason of my fearing to injure the instrument I was compelled to make the attachment too close to the Edge of the Sounding Board to get much volume of sound - it was however voted by everybody to be much sweeter - I have therefore made a proper fixture & attachment on the Board immediately in the Centre of the Instrument in front of the Key Board & pick inside of the Music Rack so that it occupies about the same relative position it did on the old Box -
I will test it tomorrow P.M.
Could not do so today

as I am moving my trans
mitting station out of Phillips
Office into a room he got
for me across street. This
Mike has made such a commotion
around his office that I have
been unable to obtain a
moments use of it for
experiment hence the change
after tomorrow I will have
full privacy & can work
all the time. So send on
your suggestions. I got but
a minute or two to my
duet. but in that time I
fancied one mask cut the
other out. are they not more
liable to interfere placed
in the manner you direct
thus than
if in a straight cut. thus

I will however be able to
judge for myself tomorrow
when I will try them fully
both ways.
I was to have had a
try time tonight but

the mob has scared every
body so that they are
afraid to open the Building
at night - beside no one would
go out if they did - so it
is postponed until next week
Meantime I want to make
his improvements so that
the next show will be immense
The Diaphragms you sent are
an immense improvement on
the Brass ones. Especially the
one which was on the new
transmitter - that was really
good for six - the old brass
one however was pretty good
- because thinner - I find the
less resistance the metal offers
the well the better - the brass
foil and the mica are the
top - though in getting the
mica on first I got a pulse
in it - which "set" it so as
to make it difficult to vibrate
I took that out & it is now
immense I anticipate a
top top performance tomorrow
night on experimental
Rehearsal - I found out

as you thought I would - that such things as the Last Rose of Summer - came best - I have bought quite a lot of music which I have my Wife & sister practising on my Wife plays them on the piano thus giving my sister the air - who then sings them Her voice has a peculiar vibration about it which adapts it especially to this thing & she has got the advantage of some better singers & gets furious encores Her selection for the next is

Last Rose of Summer
Won't you tell me why Robbin
Her Bright smile haunts me still
5 o'clock in the morning

Air from - Fra Diavolo
& 2 or 3 others some what different in style

Prof Barker has left us I cannot yet say who will do the honors for us next time but no doubt we will find a proper party - I want it to be some body whose name

will have weight - I will take
care that he is seriously
so fully enthused as I remain
himself unexcitatingly when
he gets warmed up -
I want to get hold of Draper
- think I will if I can
keep this going till Barber
gets back again - I see
Draper has been misrepresenting
himself discovering Oregon
in the sun. How did he
proceed to find it out? -

Our last letter was simply
astounding - I am already
getting anxious to pay you
a visit & see those things
for myself. When you get
me ready for the speaker I
am going to make a new deal
with these folks - thus far
I have had but little except
advertising - I mean to get
not less than $250 per week
for the speaker if perfect.
& they will pay it - as they
can put 10000 nightly in
that building on it -

then there will be something to divide.
The Graphic man was called off suddenly by this trip to Go to Pittsburg. It will probably occupy them for some time to come as to exclude us but that will all be over before we come to the Speaker & then I mean to look him. & of course will see that the Exhibit he makes is complete in all particulars even to the Laboratory.
Prof Barker told me to tell you to use Iridium in place of Platinum as it fuses at 10 to 20 times greater heat. He uses it & is no longer troubled with Oxydizing from. Id like to have it tried - as it is a great annoyance to us to keep points clean they get dirty in our performances & spoil the last pieces —
Give me a few minutes when lat leisure at night.
Phillips is a brick Ed

Memorandum.

Office of the
Central District & Printing
Telegraph Co.

Pittsburgh July 30th 1877.

Friend Edison —

Your note of the 27th rec'd — I hope to get away Thursday, and be with you Friday —

am very anxious to see what you have done — We have been getting very fair results with Bell, and if we could get nearly better it would do — I understand its defects pretty well —

Yours truly
T. A. Scott

Philad^a Aug 4/77

F.A.E.

The second Concert was as you will see by paper sent you today, more successful in the character of the music produced than was the first - but in point of numbers in attendance it was not so good. There were only about 2000 present - this was no doubt owing to the strike and to the fact that it rained steadily throughout the day until near the time for the Concert - but it was too late then for many to come out.

I had the piano attachment made in the Centre of the Instt. just inside the frame in front of Key Board - it worked tip top - giving especially good volume & tone when the pedal was pressed down thus leaving the strings free to vibrate - Nevertheless notwithstanding were I am inclined to believe that the marked improvement was due to the better performance of

that last Diaphragm you sent me. It beats all the others hollow - By the way - I could do nothing with the Mica. It's too stiff - the Copper are the best. though requiring very frequent readjustment - I had a happy thought yesterday morning - of course I was stupid not to have had it earlier - it would have saved me a heap of labor & have improved my performance wonderfully. It is this. Have a 2nd receiving Bush made - set it up in short circuit at transmitting end & let the operator adjust each voice & each tune - then immediately switch into main ckt - say 97 & grind it out - thus obviating all necessity for adjusting from the public end - & enabling me to have an adjustment exactly suited to each tune & voice - having 2 instruments you see one can be adjusted while the other is playing - I am having ~~this~~ ~~the~~ a second branch & bar made, which I propose

to attach to the Instrument which I will stay buy for you, & use that Outfit instead of the Piana - & use the Old one for adjusting by - I am also having the Plain Copper Diaphragm made like the last one you sent me though I must make some improvement in the felt holding arrangement. It nearly played ~~the D.H.~~ with me the 2d. of the Concert. The felt dropped out on the first piece & I took them nearly 3/4 hour to get it back so that it would stay. R.H. Bailey accomplished it by running a pin through it and fastening the head of the pin to side of Diaphragm ring with sealing wax strange as it may seem it seemed to work all right, though I told him it would not work at all. I find the Brass Diaphragms best for Cornet - I suppose the Vibrations are too positive for

the more delicate copper foil
But for the voice the copper cushioned.
One you last sent is just Red Hot.
I cannot do anything on Duet
however until I get the other one
fixed -
The exhibition Co are in a peck
of trouble & have made a strong
appeal to the pride of the Philadelphians
for support. they ask for $60,000
& say unless they get it they must
close the thing up on 1st Sept.
& are even talking about taking
it to New York where it would pay.
Meanwhile the management are
so harassed they don't know
what to do, and told me yesterday
they could not decide at present
about a third Concert: wanted
to know what the prospect was
of getting the Talkers &c. I
told them you were experimenting
upon & constantly improving the
talking outfit. but that I would
write you immediately & see what
the prospect was.
Meantime I am going down to

5

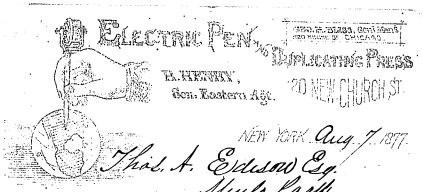
Cape May & give a concert on my own a/c. Reed the journalist who does the Bluing for the Ex. Co. & who got all those puffs inserted in the Phila papers is going with me as Manager & advertising agent &c. & we divide the profit. Our Expenses - including a W.U. line from here will be about $70. We propose to charge 50¢ admission. We get the Stockton House Dining Room which holds about 1200. - We calculate upon 500. Sure. 400 will pay Expenses. We may get 1000 as there are 10000 sojourners there & a thing of this kind is such a great novelty & has been so fully advertised by the Phila papers that we think by advance a few days in advance, & Reid specially on the Cape May papers & reprint the "Press" article on the day of the concert that

we will make a hit - in
which case I will follow it
up, in quick succession from
one resort to another - &
then we divide with Batal &
Charlie & perhaps have a next
Egg for you - If it takes poorly
at Cape May we return to the
Exhibition at once & not risk
a failure Elsewhere -
It will be conducted in a
high toned manner throughout
& the Pockton is the leading House
at Cape May -
Next Wednesday Evening is the
day fixed -
What do you think about the
80 miles of wire it is going to
reduce me in Volume very
much If so advise me quick
I can get 400 cells Calloud
but no Carbons -
If I am successful in this
tour need I apprehend any
annoyance from Caldwell
Write me instantly on receipt
of this Else I shall be off

7

& the shore - the W.U. ask me 20¢ for use of the wire but I think when I see Jim Herrihed I can get him to make a reduction - as that is all they charged Gray with his Cumbrous apparatus - Green of the Exhibition Co did the checkmating the other night & told the audience what you proposed to do in the way of recording speech - I am sorry it is not a little later in the season so that Barker & some more of the Scientific Cranks could be here

Yours
E. H. Johnson




NEW YORK Aug 7 1877.

Thos. A. Edison Esq.
Menlo Park

Dear Sir:

"The Telephone" is something I know very little about and in my present condition I should hardly feel warranted in putting all the money I have or can have, until my father return from Europe, into any thing that I do not know perfectly. I think that if any man could sell it in the Canadas I could and I have little doubt but that I should succeed and yet it is not safe for me to undertake it and leave my family, as I should have to, without money.

On the "horse clipper" I know what I can do and will start out and pay all of my expense.
I will send you a cut of the machine for other with all the information I can get tomorrow

Respectfully
G. A. Mason

E. A. Wilcox.
Aug 11. 1877

Blank No. 1.

# THE WESTERN UNION TELEGRAPH COMPANY.

The rules of this Company require that all messages received for Transmission, shall be delivered on the Delivery Blanks of the Company, subject to the conditions printed thereon, which conditions have been agreed to by the sender of the following message.

WILLIAM ORTON, Pres't, } NEW YORK
A. R. BREWER, Sec'y,

Dated New York Aug 9th 187[illegible]

Received at Menlo Park 4.48 PM

To Thos A. Edison

Murray is ready to deliver four new speakers tomorrow. Says you want them sent to you first.

It is the utmost importance that we shall have at least one pair at the earliest possible moment. Cannot the difficulty be put in here

William Orton

There is a ground on your coil I cannot make you or raise you will you please fix it as it would accommodate both - Yours &c

☞To prevent loss, please make remittances by DRAFT, POST OFFICE ORDER or REGISTERED LETTER.☜

# L. G. Tillotson & Co.,

Manufacturers, Importers and Dealers in

## Railway and Telegraph Machinery and Supplies,

Car Upholstery and Trimmings of every description,

L. G. TILLOTSON, E. S. GREELY. } **No. 8 Dey Street,**

P.O. Box 1714. New York, Aug 11 1877

*Dear Sir:*

Tom

I would very much like an opportunity to see your new Telephone at work. Will you put me in the way of so doing &c?

Yr

Bennett

Blank No. 1.

# THE WESTERN UNION TELEGRAPH COMPANY.

The rates of this Company require that all messages received for transmission, shall be written on the Delivery Blank of the Company, and subject to the conditions printed thereon, which conditions have been agreed to by the sender of the following message.

WILLIAM ORTON, Pres't, } NEW YORK
A. R. BREWER, Sec'y,

Dated Pittsburgh Aug 14th 1877

Received at Menlo Park

To T. A. Edison

Letter received I want two letts from as you have them finished dont fail.

T. B. A. David

14 D.H.

The Central District and Printing Telegraph Co.

OFFICE, FIRST NATIONAL BANK BUILDING,

Corner of Fifth Avenue and Wood Street,

Pittsburgh, Aug 14th 1877

Friend Edison –

Your letter of the 13th is just rec'd, and has one good side – medicine – Your silence after promising to telegraph me I regarded as omnious – Really you have reached the result by mere luck I fancied tho' you would – a thirter disclosure – So I have telegraphed. I should have too sets formed, as I am under obligation to Ted Bell, and want to have yours at the same time – Please arrange with Mr. Orton if necessary so that I can have some of the lot now under way – I know he will be agreeable – Besides I have got this the thing so much, that I know pretty well what will do –

So to putting a complete set in a bristol box – When you can get around to that form I will want to see them, meantime I want to get the other going –

It isn't particularly desirable to have

the thing is not small, or complex. The results as you know, in any form, will be the one thing to accomplish —

I wish I could have stayed right with you through these experiments.

Yours truly

G. M. B. Davis

Regards to Pabst, et al —

Received Aug 14 '77

1877 - Telephone

Wm Orton Aug 15

Shall I send.

J. A. Edison

Blank No. 1.

# THE WESTERN UNION TELEGRAPH COMPANY.

The rules of this Company require that all messages received for transmission, shall be subject to the Conditions printed on the Company, hereof and subject to the conditions printed thereon, which have been agreed to by the owners of the shipping message.

WILLIAM ORTON, Pres't, } New York
A. B. BREWER, Sec'y.

Dated New York Aug 15th 1877

Received at Menlo Park

To T. A. Edison

David wants
two sets of the new
Speaking Soon as ready
I think his tests will
be valuable and advise
sending them.

Wm Orton

DH

Aug 16 /77

Proposition Bliss & Holt

Expires Sept 18 1877 give 1/10 to
the out pats in France Belgium Germy. Spain Italy
Austria Russia India Australian Colonies
Will sent in yearly royalty they separately in
Their Country or if they get up Co will
give them 1/10 ex for 3 years that we will name a
sum we will take.

☞ To prevent loss, please make remittances by DRAFT, POST OFFICE ORDER or REGISTERED LETTER. ☜

# L. G. Tillotson & Co.,

Manufacturers, Importers and Dealers in

## Railway and Telegraph Machinery and Supplies,

Car Upholstery and Trimmings of every description.

L. G. TILLOTSON.
E. S. GREELY.

P. O. Box 1714.

No. 8 Dey Street,
New York, Aug 17 1877

Thos A Edison Esq -
Menlo Parks N J

Dear Sir:

I have written to the Canada gentlemen according to your memorandum submitted this morning - Besides giving me an opportunity to see with the instruments at work the earliest time you can I think it will be worth your while to let us have a pair for a short trial here at 8 Dey St. - Call again when you are over -

Yours
Bonnell

Mr Chas this show to JOR & thus saves me a deal of writing — EH

Philad: Aug 19th/77

My Dr T. A. E.:

I've been going it lively for past 10 days hence no time to keep you advised - Today being a day of Rest I'll take it - by posting you up - I mail today copies of Philad: Leger May & Atlantic City papers that you may see how others than myself view the performance - I'll now proceed to relate my experience - I'll however - I'll acknowledge receipt of yours of 15th Inst. I got it only last Eve on my return to City. Send on your data at once & I'll do the job for the Journal at once in the best vein I can command —

I shall want some copies of the paper when it is out - for general distribution on my tour - I will answer the Scientific American party to-day - have not had time

heretofore - Haven is a fraud
Stole your Idea from printed
descriptions within last few
Weeks —

The Strike & Change of Management
brought my Exhibition amusement
to a sudden close - I made an
arrangement with A Boardman
and an old journalist called -
until today - in Charge of Press
Department of Exhibition - I agree
to give him half the profits of Co.
Every Item of Expense is deducted
~~which~~ Expenses include my Commis.
to you as soon as we get a
start - which will be after this
week - but of that you will learn
more presently —
I went to Manchester for wire, I
by his absence was compelled
to lose a week - on his return
he credit give me an answer
bill he had conferred with Hyng
I was in off's when and came
It was as follows —

"All right let them have the wires & don't make any charge - If they Volunteer however I would not refuse" - Signed Van Horn -
I laughed & told Jim. I didn't "Volunteer" - after enjoying the joke on him however I made this conditional arrangement That if I was not successful I should have no bill to pay - but if successful I would pay a reasonable price for use of the wire - To this he readily assented - & under that agreement I am traveling - I got Barbour Batty from Bentley - the old man wont let me pay him & gives it to me as often & when I want it - Also gives me good advice & tells me if I manage the thing at all right I should make several thousand dollars between now & Christmas - So much for W.U. privileges - Of course its plain they

are pleased with the advertising
ment I'm getting - I'm writing a
Lecture to deliver at each Concert
& I'll give them a pubh
- in lieu of money —

Now for results Electrical &
Financial —
We engaged Stockton House (Boston)
Dining Hall for last Sunday Evening
"Sacred Concert" = but Prop's went
back on us & compelled us to take
Small Parlor instead - result -
Crowded to suffocation by about
300 people - & we compelled to
shut doors in face of large No
- those we shut out being our
Profit - those inside being our
Expenses & $30 over —
Financial result - Profit $30
Disappointment to those shut out —
Electrical - Volume of sound very
Weak barely heard by more distant
part of audience — I knew
it should come louder - & told

Robinson at Phil. There was
a Relay in - & asked him to get
it out if possible He called
Everybody & "Q" answered but
Haggilly & Wauldrit or Goulding
be made to understand anything
So we had to go on as it was
Old man Bentley had been thro
the same mill with Gray, &
being present - was so disgusted
that he left the room swearing
at the W.U. Tel Co for not giving
me a wire Clear - I had
my Speaker explain to audience
Cause of weakness - but of course
Ones they didn't believe a
Word of it - Dr. Gitto however
a Miracle was performed
The "Q" man got sleepy & went
to bed - pulling out his Dest in
the Middle of a line - When the
Volume of sound was so
increased that it was clearly
heard all around about the
Hotel - & I then had the Dining

Hall doors thrown open & it being all open to the Verandahs Crowds came crowding in - & listened with delight to the next 10 or Dozen tunes - My fascination was complete & the audience perfectly delighted One & all pronouncing it a Grand success -

Next Day Capt. Volunteered his Dining Hall for a repetition but I had promised a delegation from Congress Hall to repeat it at that Hotel - this I did on Tuesday & to an audience of about 300 - 70 of whom however were Complimentary that Hotel being the rendezvous of Newspaper people from all parts of the Country Mrs Col Jno W Forney - & Adams of the N Y World resident in Washn - took most active interest in it - Mrs Forney will speak of it in her diary

better Monday or Tuesday in the Phila Press - A grand reception Hop to the Russians arriving that Eve. at the Stockton Hotel Everybody away from vicinity of Long Hall Else I should have had at least 500 there -
As it was we came out just the same as at the Stockton $50 ahead — this we done by reducing our expenses
1st entertainment Cost us $88. 2nd a trifle over $68.
In the 1st we paid a Scientist of local repute to go down & do the Hitting - paying his Fare & Hotel bill - 2nd upon repeated urging I Essayed the part myself & succeeded so well as to Elicit Many Compliments from the best of the Audience who thought my lecture much Clearer & better delivered than Dr Cohen that settles that Idea of Fakeer henceforth I talk for myself

Another "Swindle" as we call superfluous expenses - was in the singing Dept. at Phil^a - we paid a celebrated soprano $5. & sing - & found my sister could give her odds - so we dismissed the $5. professional & engaged my sister at $2. again we had more singers than we wanted - & at 2^nd concert - (as we see as we in future) had but 2 - 1 male & 1 female - with a 3^rd party to play cornet solos - this is to be our outfit - we form a light traveling equipment -
a 3^rd reduction is in the halls
We have made the papers say good things & now the hotels complete for us - thats $15 saved -

Got away from Cape May safely -

In spite of inexperience
numerous blunders
lack of proper advertising

9

Doubling Expenses by going 2 small instead of 1 Grand Concert &c &c.
Netted $70 - Clear profit - & a Valuable stock of experience - yielding in future concerts a reduction of at least 1/2 in Expenses

With this we proposed to go at once to Long Branch - but as we want 3 or 4 Days to advt. & Post that town - We yielded to entreaties (against our judgment) to meanwhile drop down to Atlantic City - 60 miles - & give a Rattle Improvised concert there.
The place is "Cheap John" -
The wire has 8 days failing & I prophesied a failure - which prophecy was satisfactorily fulfilled -
We failed to get the wire clear and could not produce a tone loud enough to be heard 20 feet

I explained & counselled patience - sweating like a bull meantime - improvised other entertainment - losing my audience gradually - Robinson who came down from Pha to hear it - left the room toward close to go to RR Depot & on other wire endeavor to induce fellows to cut out - upon arrival at Depot found night watchman entertaining a track of his friends having cut in after opr had carefully cut out & gone to Concert "Ho" called me up told me what he had found & asked me to try it I did - & got it simply perfect - but alas more than 3/4 of my audience had gone -
the times I now took however were so clear & loud that the departing audience heard it & came flocking back - I then threw open doors & gave a DA performance to entire satisfaction of every body - I found afterwards

"
Not even among those who
got away without hearing
much no discontent was
manifested on the contrary great
sympathy was expressed for
me - I enjoyed it showed
my discomfiture as many came
to me & told me they stole
for a large no. - & assured
me they were amply rewarded
for their 1½ dollar & appreciated
my efforts - So altogether it
was pronounced a success &
I got out again by the skin of
my teeth - It had one effect
however it loosened my tongue
& I talked as glibly as if in
your Laboratory - explaining all
about the action of a Relay
in cct - afterwards illustrating
it by having the other Hotel
cut in & out while I was turning
out a time - the effect was simply
startling - even to me - I had no
notion the change was so marked
- Why its the diff. between a
man speaking in full clear

Voice & whispering & grow for —
It was about as effective
part of the Concert as any
Audience was very small
not over 100 Crowd. & we
We got out with $1.50 each
by fighting up on our flexible
Expenses —

It was a mistake to go
Electrically & financially &
& will not be repeated Elsewhere
I told Jm. Kerrofter no performance
opened be given except the
Dr. Gerst assured me of a
Clear wire —

And we have determined only to
give them after being properly
advertised — as we find almost
Everybody Comes who knows
of it —

We go to Long Branch on Monday
& prepare for Concert Wednesday
night — or perhaps later —

13

Music will be given from New York. I go over Tuesday Morning to N.Y. with transmitting apparatus - & should like to see you in N.Y. that day - Have not time to stop at Menlo -

Will you make & bring with you 2 Diaphragms of Copper foil - a trifle stiffer than what I have - or perhaps you better make One of them of very thin brass. My Idea is this -

that with the spring the Diaphragm may vibrate less -
The spring should be stiffer also - Made so as to hold the felt firmly.
In fact I want a Diaphragm stiffer in every way but made just as these are -
I had a spring put on the Copper Diaph which I had - & have used the 2 Cups with spring & felt in some of my entertainments but they are about used up - I have

made Every effort to get them made here but can't do it right those made are being worthless
Will you do this & bring me a few rolls of paper — Tell boy the Boys for everything they do for me — as I have been doing here.
I got a good Dalleimere — & a good Electro Motograph for it — on that I have a complete outfit — aside from the old Mech I use for adjusting locally —
I gave you some high toned compliments at my 2nd lecture but everything being done impromptu they hadn't got reported —
We are going to change all this — Henceforth we drop the word Concert by advice of a number of good friends & call it a Telephonic Lecture & Demonstration or something of that sort —
I've been asked to talk more & tell the people all about you & your works which suits me exactly as it gives me

15

the means of filling in the time without making the thing monotonous - thus saving the expense of employing additional singers at my end - & also enabling me to help it out of the show field & occupy the higher scientific plane —

Can't you arrange to come down to Long Branch - & learn what you have done & are doing. I am proposing to invite Prest Orton & Prescott as well as "the Boys" —

The newspapers have dubbed me Prof. I kicked against it - but no use - besides anyone tells me it will help me financially many will be attracted by it & come —

I shall keep it out however whenever I can as it is utterly repugnant to me - though I may know as much about the subject as some professionals

Good Bye

W. H. J.

Aug. 70

Friend Edison.

E. B. Richmond of No. Lansing Mich. has invented a telephone. He has a water space between the platina points, and thereby reduces resistance in the circuit.
People who have seen it say the results is perfect.
We is trying to deal with the W. U. T. Co.
Will keep you posted.
This is strictly confidential.
Be active in your patent work and shut him out.

Respectfully
E. H. B.

---

The Grand Pacific Hotel.
JNO. B. DRAKE & CO. PROPRIETORS.

Chicago Aug' 21st 1877

Friend Edison —

I am told here that a Mr. Richmond of Lansing Mich has a talking telephone, which he makes by turning in resistance by means of water — It is represented that he has not his patent — or it may be made his application, about the time Bell did — I write this in order that you may amend yours if advisable —

I may get a chance to test Richmonds before I leave — If I do, I will write you the result —

I expect to find yours on my return to Pgh, and

G. H. Bliss
Aug 20. 1877

are counting largely
on it

Yours truly
M. A. David

1877-Telephone

J. B. O. Abbott
Aug 21 77

OFFICE OF

**Geo. H. Bliss & Co.**

Manufacturers and Dealers in

**Telegraph Machinery AND Supplies,**

AND

ELECTRICAL APPARATUS.

220 KINZIE STREET,

Chicago, Aug 22 1877

Dear Edison!

The Genie I understand has received the Bell telephone in the west for the W. E. probably to keep it out of the hands of parties who would do Mr. Chief. Gray claims that he covers the principle by which you & Redmond work having filed a caveat some time since & to that effect. Redmond is to be here in a day or two & I close as his agent & advocate. These points are confidential.

GHB

174 St James St

Montreal Aug 22/77

Dear Bunnell

Mr Baynes and myself leave for Newyork tomorrow (24th) afternoon N.Y. Saturday morning shall call and see you on arrival

Yours truly

Robert Watson Smith

Watson
Aug 23. 1877

John.
Don't you & the boys
form some sketching
parties & come
with me —
R. —

Blank No. 1.

**THE WESTERN UNION TELEGRAPH COMPANY.**

The rules of this Company require that all messages received for transmission, shall be written on the Delivery blanks of the Company, hereto and subject to the conditions printed thereon, which conditions have been agreed to by the sender of the following message.

WILLIAM ORTON, Pres'd't. A. B. BREWER, Sec'y. } New York

Dated Newark Aug 3rd 187

Received at Menlo Park

To T. A. Edison

When will you have Telephone for me to go to work on answer

J. T. Murray

13 Colleck

Blank No. 1.

**THE WESTERN UNION TELEGRAPH COMPANY.**

The rules of this Company require that all messages received for transmission, shall be written on the Delivery blanks of the Company, hereto and subject to the conditions printed thereon, which conditions have been agreed to by the sender of the following message.

WILLIAM ORTON, Pres'd't. A. B. BREWER, Sec'y. } New York

Dated Pittsburg Aug 30 187

Received at Menlo Park

To T. A. Edison

I will be with you Saturday morning

T. B. A. Davis

7 5th

The Central District and Printing Telegraph Co.

OFFICE, FIRST NATIONAL BANK BUILDING,

Corner of Fifth Avenue and Wood Street,

Pittsburgh Aug 27 1877

Friend Edison -

Why this delay? No telephone coming, neither do I hear from you, and I begin to regard the silence ominous - How is it? I am hopeful of your instrument, and am awaiting impatiently the result. — The Bell telephone is being brought rapidly into use, and it behooves us to be spry —

I understand there are applications in for patents that cover your principle of 'internal resistance' - It is said that Bell in his earlier experiments tried the same thing - I drop these suggestions for your information - I suppose you got my letter from Chicago -

Yours truly

G. M. Pond

1741 St James Street

Montreal August 27th 1877

T. A. Edison Esq

Menlo Park N.J.

Dear Sir.

Arrived here yesterday I have already put matters under way to introduce your Telephone here. If you will send me in writing the terms on which you wish to place your Telephone in this market and if you can possibly spare a set of instruments I have no doubt within two weeks I can forward you satisfactory propositions. In the mean time do not close without letting me know. Tell Batchelor I am having that letter handed up and will let him know the result when next I write. Bell is making a stir in Canada but if I get your instrument here I will make it hot for him — & will hurry forward matters as fast as possible. Hoping to hear from you soon as I wish to lay your proposition before some gentlemen here — and will keep having your own figures to show them

Yours very truly

Robert Watson Junr.

Blank No. 1.

# THE WESTERN UNION TELEGRAPH COMPANY.

The rules of this Company require that all messages received for transmission, shall be written on the diskers blank of the Company, notice and subject to the conditions printed thereon, which conditions have been agreed to by the owners of the following message.

WILLIAM ORTON, Pres't; JNO YOUNG
A. H. BREWER, Sec'y.

Dated Pittsburg Pa Aug 28 1877

Received at Menlo Park

To Thos A Edison.

Letter of 25th received
try hard to have a set
here tomorrow, or thursday
at the latest.

T B A. David

17 DH.

(Western. Aug 29, 1877)

174 St James St
Montreal Aug 29/77

T. A. Edison Esq.
Menlo Park
N.J. Sir.

Since writing you on Monday I have arranged with a gentleman here who has a large Capital from $50,000 to $75,000 who is willing to go in with me and work up a business here for the Telephone and give you any reasonable guarantees that the business will be pushed forward for all interests concerned - I told him your terms viz $5. per year Royalty on each set of instruments and $15 for the instruments themselves payable in

advance. That you desired all Contracts to be made directly with you that is all parties leasing Telephones through us to sign a contract with you agreeing to pay you royalty as you proposed to me. Should you decide upon coming to an arrangement with us telegraph me to the above address here and we will both go down and close matters at once. A large business can be done here even though trade is dull and I am holding some parties desiring private lines until negotiations with you are

conclude. If you can possibly send me a set of Telephones do so at once. Write me your terms in full giving all particulars so that I may lay them before the party I mention, whose standing here I can satisfy you of through Dun Barlow & Co's agency My. Shirer you require much guarantee but a personal interview would be more satisfactory so if you will telegraph on receipt of this we will go down at once. While at all events. We will make the erection of Telephonic lines our business in case we come to an arrangement with you and push to your satisfaction and as the fall trade is about commencing the sooner we can get to work the better for all. So hoping to hear either by mail or telegraph from you on receipt

Yours &c

Robert Watson Jun

PS

If you telegraph to come down we will bring everything necessary to close matters in New York at once

Prop to Walsh

Menlo Pk NJ Aug 29/77

R Walsh Jr. Dear my prop for a Telph
on the = of perfect quantities is given & I am
made a party to by Cardwell with each
receiver I will furnish the telephones
at the actual Cost for the manufr
I am to receive a great deal yourself in advan
of the dole good on each pair of Telephones
which Cost me 15 cts I am assured that
would be the Central station
if you prefer adopt the agreement, to which
shall be fair at the end first six months
I will be the proper parties draw in

Edison

174 St James St.
Montreal August 20/77.

Dear Sir.

I wrote you yesterday in reference to a party who was willing to join with me in procuring your agency for Canada for the Telephone. Since then however I have succeeded in getting two other practical Telegraph men to join me in the following proposal to you. First as to the personnel of the proposed Company J. H. Badgen the present Superintendent of the Montreal Fire alarm System who has been connected also with the Fire System of Boston & well known to Chas Chester of New York. Next E. A. Haynes Present Manager of the Canadian District Telegraph Co here and lastly myself. We are all practical Telegraph men & at present in positions here but think there is a good field for an extensive business in the Telephone. ~~Each~~ ~~We each put in sufficient capital~~ to work the thing in good shape and to show that we mean business will place Two hundred & fifty $250. in your hands at once and take telephones & Royalty against it. That is you deduct ~~your Royalty & the price of telephones~~ provided us to that amount. We would propose styling ourselves in case you accept our proposition The Canadian Telephone & Telegraph Construction Co. and you may see that we intend making business

as we all throw up permanent positions to undertake your agency for the Dominion. In the meantime in case matters do not come to anything between us please do not mention names and would only endanger our positions here. Mr Chester may give you all information in reference to Mr Badger whose reputation stands highest in Canada as an Electrician —
Further we are prepared at once to put up the money and close matters at once and would like a set of instruments to thoroughly test them as soon as you can let me have them. address me as below

Let me hear from you at once on those points as I have to go to New York early next week and if an arrangement is to be come to would like to go prepared to close the contract under the terms you proposed to me at Menlo Park.

Yours very truly
Robert Walton Jun.

address Telephones
To Robert Walton Jun.
Montreal Canada

Form No. 1.

# THE WESTERN UNION TELEGRAPH COMPANY.

The rules of this Company require that all messages received for transmission, shall be subject to its Rules and Regulations of the Company, as now and subject to the conditions printed thereon, which conditions have been agreed to by the sender of the following message.

WILLIAM ORTON, Pres't. } NEW YORK
A. B. BREWER, Sec'y.

Dated Tuskegee N.Y. Aug 20 1877

Received at

To D. A. Gibson
Menlo Park N.J.

Concert tonight immense success yet distinguishable words from New York made quite an improvement by shelling receiver with magnet. I announced amid cheers that on next Sunday evening I would have you bring your improved transmitter to the New York end and give us echo wonder it needs but the merest trifle to make them clear

Johnson

O.K.

Received Aug 20 1877 10 am

(Aug. 8. 1877)

T. B. A. David. 1: W. U. Telgh
Pittsburgh.

I have a pair Bells, can do better work on my own call and see when you are on

T. A. Edison

If you can use me
I will be
Ready & willing
to come
to Pittsburgh
by first train
after receipt
of this dispatch
Yours Truly
Edison

ELECTRIC PEN AND DUPLICATING PRESS.

220 to 222 KINZIE ST.

Geo. H. Bliss,
Genl. Manager.

CHICAGO Sept 1 1877.

T. A. Edison Esq.

Dear Sir:

The W. E. Bond $1,750.00 today. Richmond has not turned up and may have struck a snag. They think it remains to be seen whether he is shut out of the telephone field. Holland is here - We think more favorably than I expected about going in on the telephone potently providing all the money does not have to be put up at once. We consider the interest offered too small. It looks as if Reich could get your patents cheaper on the other side than you are paying. At any rate we can have him put the telephone on the market here at once when you are ready. Expect to have for the last car work from Monday if not detained.

Respfly
Geo. H. Bliss
Genl Man.

Blank No. 1.

# THE WESTERN UNION TELEGRAPH COMPANY.

The rules of this Company require that all messages received for transmission, shall be written on the Company's blanks of the Company, under and subject to the conditions printed thereon, which conditions have been agreed to by the sender of the following message.

WILLIAM ORTON, Pres't, A. B. SHEWER, Sec'y. } New York.

Dated New York Sept 1 187

Received at Menlo Park

To T. A. Edison

Meet me at Fellstown this morning answer there.

Watson

Spaid

G. K. LANSING, Manager. ALLEN & DAM, Proprietors.

**ASTOR HOUSE,**

Broadway and Vesey St.
ON THE EUROPEAN PLAN.

New York, Sept. 3 1877

Dear Sir Thos. A. Edison
When at your Labora-
-tory last July, I proposed to offer
your telephone in Canada & Eng-
-land. Then ready.
If I proposed to entertain
the matter now to that end, I
shall be pleased to hear from
and call upon you this week
Very truly yours
Elisha Wilson
Please direct to Elizabeth N. Jersey

176 St James St.
Montreal Sept 4th 1877

T. A. Edison Esq.
Menlo Park
N.J.

Sir

In case there should be any enquiries from here with reference to whom the parties are here who have secured the agency for the Dominion suppose Mr Baynes name for the present. Badger & I are in a position to have it known but Mr B would prefer having a silent interest in the concern. so be careful. It would be as well to insert a clause in the contract to the effect that no interest in this agency can be transferred or sold without the consent of all parties to the contract. The District Company intend wanting you today in order to try and get the agency away from us and will do all in their power to get it away. However I have no fears that you will not go back on your word & arrangements you have with us. If you can possibly send me 2 Transmitters & 2 Receivers so that I can give a public exhibition of the Telephone

I give you the names of the parties to the Contract Robert Watson Junr. Franklin H Badger & Edward alfred Baynes. all of montreal — I have resigned my position in the Dutiet Telegraph to in order to work this thing and have no doubt of its great success.

Hoping to get papers & instruments soon as you can send them. when I will let you know how people think of them and can send you as many orders as I mentioned to you.

Yours Truly
Robert Watson Junr

Western Union Tel. Co.

Blank No. 1.

**THE WESTERN UNION TELEGRAPH COMPANY.**

The rules of this Company require that all messages sent for transmission, shall be settled on the Business Hours of the Company, and subject to the conditions printed thereon, which conditions have been agreed to by the sender of the following message.

WILLIAM ORTON, Pres't.,
A. B. BREWER, Sec'y. } New York

Dated New York Sept 5th 1877

Received at

To Mr Edison

Menlo Park N.J.

Please send instruments to my address

E A Badger

6 Reid

or via 9.05 am

Blank No. 1.

# THE WESTERN UNION TELEGRAPH COMPANY.

The rules of this Company require that all messages received for transmission, shall be written on the Uniform Blank of the Company, subject and subject to the conditions printed thereon, which conditions have been agreed to by the owners of the interesting message.

WILLIAM ORTON, Pres'd't, New York
A. BONNEWITZ, Sec'y.

Dated Newburgh Sept. 5th 187

Received at Menlo Park

To T. A. Edison

Will you be at home tomorrow if so will go out on the forenoon train reply

S. B. Scott

14 D.H.

JAMES PARTRICK. FRANKLIN S. CARTER.

# Partrick & Carter,

**PRACTICAL TELEGRAPHERS and ELECTRICIANS,**

MANUFACTURERS OF AND DEALERS IN

*TELEGRAPH and ELECTRICAL INSTRUMENTS and SUPPLIES,*

**No. 38 South Fourth Street,**

Manufactory, 614, 616 and 618 Filbert Street.

Philadelphia, Sept 6 1877

T. A. Edison Esq
Menlo Park N.J.

Dear Sir I had a gentleman call and see me yesterday from Havana who is desirous of erecting your Telephone in Havana, he is a very prominent man, there and think if arrangements could be made could do you good — Can you give me the particulars as to the working Amount of Battery required to work say six miles — if you have any printed description send me copy — Mine is E.H.J. — John will be in Phila, if he before the end of this week can probably introduce him to the party — If not give me all the particulars and description

Yours Truly
James Partrick
for P & C

**Fire Alarm Department,**

City Hall,

Montreal, Sept. 6th 1877

Thos. Edison Esq.

Dear Sir

Arrived in Montreal this A.M. and as there is to be an Exhibition of some kind in Quebec next week would like to Redent the Telephone to the attention of the public thereat.

If possible forward a complete set by Tuesday as this offers a point to be gained. When ready please send to my address.

If you have Patents in Gt. Britain and desire to establish an Agency therein I will arrange therefor in my own name solely, as I can command the capital necessary to put it properly before the British Public.

Please reply and oblige

Yrs. &c

T. A. Badger

Letter from Canadian District Telegraph Co Sept 8. 1877

Canadian District Telegraph Co.
174 Saint James St.
Montreal Sept 8/77

Dear Sir

I am instructed by the Directors of this Company to ask you to send one or two of your Telephones for trial as they have learned that your Instrument is an improvement on Mr. Bells. Some of which are now in our possession.

Should your Telephone

come up to their expectations this Coy. will be prepared to enter into an agreement for the partial or sole control of it in this Dominion should your terms be reasonable

We having a Dominion Charter as a District company and our Directors being men of the highest Commercial and social standing. you can readily see that we enjoy special facilities for the introduction of any Novelty in our line ——

We have heard from an outside source, that one of our employes has been negotiating with you on his own account and in opposition to our interests. but you will doubtless see it to be to your interest to deal with us instead.

Hoping to hear from you at an early date.

I am
Your truly
Jno. Murray
Secy.

Thos A Edison Esq
Newark

JAMES PARTRICK. FRANKLIN S. CARTER.

# Partrick & Carter,

PRACTICAL TELEGRAPHERS and ELECTRICIANS,

MANUFACTURERS OF AND DEALERS IN

TELEGRAPH and ELECTRICAL INSTRUMENTS and SUPPLIES.

No. 38 South Fourth Street,

Manufactory, 614, 616 and 618 Filbert Street,

Philadelphia, Sept 8 1877

T. A. Edison
Menlo Park N.J.

Dear Sir - Your letter to hand, = What are the chances for introducing your Telephone here in this City - We think there is a good field here and we would like to push the matter for you - The party who is desirous the Telephone for in Havana is Supt of the Fire alarm and a very prominent man and one calculated to put the thing before the public & make it pay - do there any way he can come at it except through Butler if there is would like to be advised for you good more than any one else as we think he is the man where all others to put it through there please reply

Yours Partrick & Carter

Patrick O'Caster
Sept 8. 1877

Since writing the enclosed letter I have seen the gentleman from Arizona who informs us he knows Mr Spitler and he has your pay, he also says that Mr B cannot do anything without his aid as he has all the bills = Do you think you can arrange it for them to work in conjunction = if Mr B does anything he will have to consult this Society. = I hope you will try and arrange it for your sake as he will bring it before the Soc so will as others =

Jno P. C

Blank No. 1.

# THE WESTERN UNION TELEGRAPH COMPANY.

No. 28

This Company TRANSMITS and DELIVERS messages only on conditions, limiting its liability, which have been assented to by the sender of the following message:

Not to be delivered unless repeated, in order to insure correct delivery, or to prove the time of delivery, or to insure transmission, or delivery of messages of the class to which this belongs, and for which a higher rate is charged, or for any other purpose, the Company will not hold itself liable for mistakes or delays in transmission or delivery or by reason of the sender under the conditions named above.

This Message is an UNREPEATED MESSAGE and is delivered by request of the sender under the conditions named above.

A. R. BREWER, Sec'y. WILLIAM ORTON, Pres't.

919

Dated Albany N.Y. Sept 8 Rec'd at Western Union Building, BROADWAY AND DEY STREET.

To Thomas A. Edison 1877.

~~Chas A. S. Dunnell N.Y.~~

If in City today please be present at Concert 3 pm

E H Johnson

Dd

KSn

READ THE NOTICE AT THE TOP.

Power Attorney
to
Badger from
Walcott Byrnes

Sept. 10. 1877

Montreal Sept 10th 1877

Thos A Edison Esq
dear Sir

Under existing circumstances we consider it best for the interests of all parties concerned that the Agency of the Telephone should be entirely in Mr Badgers name and we hereby consent and advise that our names in connection therewith be expunged.

Yours truly
Robert Watson Jnr
C H Byrnes

Blank No. 2

# THE WESTERN UNION TELEGRAPH COMPANY.

The rates of this Company require that all messages received for transmission, shall be written on the blanks United of the Company, and are subject to the conditions printed thereon, which conditions have been agreed to by the owners of the principal lines.

WILLIAM ORTON, Pres't. / A. B. BREWER, Sec'y. } New York

Dated New York Sept 13th 1877

Received at Menlo Park

To T. A. Edison

Am coming out in morning with instruments.

E. H. Johnson

7 P.M.

(Copy)

Jas Murray Esq Supt Canadian Dept Tel
Montreal

Dear Sir I have been to refer you to
Franklin H Bulger of the Free Telegraph
Montreal, he has closed a Contract
with me for the Exclusive right to
telephone in Dom of Canada

T A Edison

Menlo Park Sept 15th 1877

This memorandum of an agreement entered into this — day of September Eighteen hundred and seventy seven by and between Thos A Edison ~~party of the first part~~ of Menlo Park Middlesex Co in the State of New Jersey ~~per~~ United States, party of the first part, and Frederick B Bridges of Montreal ~~province~~ Dominion of Canada party of the second part witnesseth

Whereas the said party of the first part is the owner of a inventor of a ~~tel~~ Speaking Telephone apparatus suitable for conveying the human voice over telegraphic wires of a Electrical and has applied for a patent on the same in the Dominion of Canada and whereas he the said party of the first part is desirous of introducing ~~the same~~ such apparatus to the public in the Dominion of Canada through an agency for a period of years; ~~and whereas~~ and whereas ~~from~~ the said party of the 2nd part being an Electrician of repute & ~~not a professional~~ and has proper facilities for introducing such

telephone apparatus to the public desire to become the sole and exclusive agent for the said party of the first part for a term of years hereafter mentioned; to rent and keep in order the said telephone apparatus;

~~Therefore~~ Therefore it is agreed that for and in consideration of the sum of one dollar in hand paid by the said party of the first part to the said party of the ~~second~~ second part the receipt of which is hereby acknowledged and for other valuable considerations hereafter mentioned, that the said party of the first part does hereby appoint Franklin N. Badger the party of the second part his sole and exclusive agent for the introducing and renting such telephone apparatus to the public for a period of five years from the date hereof upon the following conditions namely

first, That the said party of the second part shall use due diligence in introducing the said Speaking Telegraph throughout the Dominion of Canada during the Continuance of the agreement.

Second - That no Telephone apparatus shall be sold but shall always remain the property of the said party of the first part, but such apparatus as have been rented according to the terms of a certain agreement to be made between the said parties of the first & second parts & the rentee, a copy of which is hereunto annexed shall be kept in order by the said party of the second part free of Expense of every Character to the party of the first.

Thirdly That for every set of Telephones or Machines which shall consist of an Instrument as received from Alex Bell rented under the above mentioned Contract the said party of the first part is to receive a yearly rental or royalty of five dollars Gold payable in advance; and any failure to pay

such royalty within three months from the time it shall come due shall forfeit this contract, and it shall become null and void,

fourth, that no telephone apparatus shall be rented except under a contract which is to secure the assent of the said party of the first part =

fifth, that not less than ~~sixty~~ fifty sets of telephone apparatus shall be rented in each and every year during the continuance of this agreement, each set consisting of one transmitter and receiver, and which number is to be increased by the said party of the first part as circumstances and the demands on the part of the said party of the second part and in case that number shall not be rented, according to the term of the agreement the said party of the first part may at its choice upon giving three months previous notice, terminate the agreement and it shall be null and void, but the agreement between the said parties of the first & second parts & the rentals of such telephone apparatus made previous to the dissolution of the agreement shall continue in force

so long as the lessee shall desire to continue to use such apparatus.

Sixth. That the said party of the second part shall not transfer his interest in this contract or enter into partnership with any other person or persons without the consent in writing of the party of the first part.

Seventh. That the said party of the second part shall have the right to discontinue this agreement at any time upon giving three months previous notice to the said party of the first part.

Eighth. That the said party of the first part is not to be responsible in any manner for any moneys expended or debts contracted by the said party of the second part in carrying out his business of introducing the said telephone apparatus

much, that the said party of the first part shall deliver to the said party of the second all helpers, the apparatus necessary to supply the demand of the public upon thirty days notice that such apparatus is desired, providing always that the said party of the first part is not prevented from doing by inevitable ~~act~~ accidents and other hinderances ~~not~~ of an unusual character and the price of such apparatus shall not be more than fifteen dollars for each set of apparatus consisting of one bowl, one receiver and one cap, bell which sum the said party of the first part is to receive as well as the royalty or rent for the same in advance upon delivery of the apparatus & the signing of the agreement hereunto annexed.

Sept. 15, 1877

This Memorandum of an Agreement entered into this Seventh day of September Eighteen hundred and Seventy Seven by and between Thomas A. Edison of Menlo Park Middlesex Co. in the State of New Jersey United States Party of the First Part and Franklin L. Badger of Montreal Dominion of Canada Party of the Second Part

Whereas. The said party of the First Part is the Inventor of a Speaking Telephonic Apparatus suitable for conveying the human voice over Telegraphic Wires at a distance and has applied for a Patent on the same in the Dominion of Canada and

Whereas The said party of the First Part is desirous of introducing and renting such apparatus to the Public in the Dominion of Canada through an agent for a period of years and

Whereas The said party of the Second Part being an Electrician of repute and having supervision of facilities for introducing such Telephonic Apparatus to the Public desires to become the sole and exclusive Agent for the said party of the First Part for a term of years hereinafter mentioned to rent and keep in order the said Telephonic Apparatus

Therefore - be it agreed that for and in consideration of the sum of one Dollar in hand paid by the said party of the Second Part to the said party of the First Part, the receipt of which is hereby acknowledged and for other valuable considerations hereinafter mentioned, that the said party of the First Part does hereby

V/

Appoint Franklin H Badger the party of the second part his sole and exclusive agent for introducing and renting such Telephonic Apparatus to the Public for a period of five (5) years from the date hereof upon the following conditions namely:

First - That the said party of the second part shall use due diligence in introducing the said speaking Telegraph throughout the Dominion of Canada during the continuance of this agreement.

Second. That no Telephonic Apparatus shall be ever best shall always remain the property of the said party of the first part but such Apparatus as have been rented (according to the terms of a certain Agreement to be made between the said parties of the first and second parts and the renter a copy of which is hereunto annexed) shall be kept in order by the said party of the second part free of expense of every character to the party of the first part.

Third - That for every set of Telephonic Apparatus rented under the above mentioned contract - which set consists of One (1) Transmitter One (1) Receiver and One (1) Call Bell - the said party of the first part is to receive a yearly rental or Royalty of Five (5) Dollars in Gold payable in advance and any failure to pay such royalty within three Months from the time it shall come due shall forfeit this contract and it shall become null & void it being expressly agreed that the said party of the second part is responsible to the party of the first part for the collection of the

3/

Sums Collectable under this Contract

Fourth. That no Telephonic Apparatus shall be rented except under a Contract which is to receive the assent and signature of the said party of the first part

Fifth – That not less than Fifty Sets of Telephonic Apparatus shall be rented in each and every year during the continuance of this Agreement which number is to be considered by the party of the first part as constituting due diligence on the part of the party of the second part and in case that number shall not be rented according to the terms of this agreement and that hereunto annexed the said party of the first part may if he so choose upon giving three months previous notice discontinue this Agreement and it shall be null and void and of no further effect but the agreements between the said parties to this agreement and bona fide rentals of such Telephonic apparatus made previous to the discontinuance of this agreement shall continue in force so long as the renter shall desire to continue to rent such apparatus according to the terms of the contract

Sixth That the said party of the second part shall not transfer his interest in this contract or the contract itself or in any way encumber it or enter into partnerships with any other person or persons without the consent in writing of the party of the first part

Seventh – That the said party of the second part shall have the right to discontinue this agreement at

and hereby agree to and with the previous notice to the said party of the first part.

Fourth. That the said party of the first part is not to be responsible in any manner for any monies expended or debts contracted by the said party of the second part in carrying out the agreement of introducing and selling the machine in order to said Patterson operable.

Fifth. That the party of the first part shall deliver to the said party of the second part all Patents and Applications now in hands of the Patent Office upon said machine, and such assignable as desired herein that the said party of the first part is not responsible for any delay or incidental accidents and other hindrances of an unavoidable character that may prevent Patents Applications from being filed in Washington or Canada or elsewhere but agrees that the said party of the first part is to receive an accounting of the profits or part for the value in advance upon efficiency of the machine upon the opinion of the experts herein mentioned.

In witness whereof we have hereunto set our hands and seals this Fifteenth day of September 1877.

Thos A. Edison

Witness
Chas Ro Tetlow

Witness E. S. Cathels

Franklin H Badger

(Form No. 58.)

# This Agreement,

made this _____ day of _____ one thousand eight hundred and seventy _____ by and between the ~~GOLD AND STOCK TELEGRAPH COMPANY~~ of Toronto in the Province of Ontario ~~a corporation duly organized under the laws of the State of New York~~, party of the first part, and ~~T H Bates Esq Telegraph Engineer of Montreal Dominion of Canada~~ _____ ~~and~~ _____ A B C _____ ~~party of the 3rd part~~

**Witnesseth,**

That said party of the first part ~~agrees~~ is to furnish, within thirty days from the date hereof, for the use of said party of the ~~second~~ part, a telegraph line connecting Speaking Telephone apparatus for 2 Terminal Stations Consisting of 2 Speaking instruments & 2 Receiving Instruments with two Call Bells & Keys, and the said party of the Second part

~~and~~ to maintain the same in good working order ~~at their own proper cost and expense~~ during the continuance of this agreement.

In consideration of the above stipulations and agreements, the party of the second part will, upon the establishment of telegraphic communication ~~by the said line~~ pay to the said party of the first part the sum of Forty Dollars for the year from date Dollars, as rent for said line, at the end of each and every calendar month after the date when such communication shall have been established, the proper pro rata deduction being made for the part of the first month (if any) which may elapse before the completion of the line.

**It is further understood and agreed** that, in the event of telegraphic communication being interrupted on said line, the party of the second part shall immediately notify the party of the first part, who shall restore the line without unreasonable delay. The party of the second part also hereby agrees to note the fact of such interruption on the inspection slips presented periodically for signature; and should the notices, as above specified, and the records kept by the party of the first part, show that the said interruptions existed for periods amounting in the aggregate to more than five days in any one month, then the payment of rent, as aforesaid, by said party of the second part, shall not be required for such periods; provided, however, that said interruptions do not occur through the negligence or wilful interference of the employés of the party of the second part; but the party of the first part is in no event to be liable for damages from such interruptions, or in case of failure to restore communication on said line beyond the loss of rent, as above provided.

**It is further mutually understood and agreed** by and between the said parties, that the said telegraph line, ~~to be constructed~~ as aforesaid, is to be used solely for the benefit of the party of the second part, and for the transmission of messages relating to the business and affairs of the party of the second part, ~~and that the same is not directly or indirectly to be used in any way or manner~~ for the transmission of messages for the public or any other person or persons.

**It is further understood and agreed** that the said ~~line, instruments, wires~~ and ~~fixtures~~ shall at all times be and remain the property of the party of the first part, ~~and be accessible to their employés~~, and that nothing in this agreement contained shall be construed as or have the effect of vesting in the party of the ~~second~~ first part any right, title or interest to or in the same, except the right to use the same during the term of this agreement, upon making ~~each and every~~ payment for the use thereof herein provided.

**It is further understood and agreed** that all messages sent by the party of the second part over said line, for further transmission over the lines of the Western Union Telegraph Company, shall be turned over to said Western Union Telegraph Company for transmission and delivery, subject to the rules and regulations of said Company as set forth on their message blanks, the party of the first part being hereby constituted the agent of the party of the second part, without liability, for the purpose of forwarding such messages, and receiving answers thereto, over the lines of the said Western Union Telegraph Company.

**This Agreement** shall remain in full force for and during the period of one years ~~from the time at which said line and instruments were delivered to said party of the second part in good working order, as aforesaid~~ from the date hereof whereby said telephone apparatus is to be delivered to the said party of the first part, & the contract is extended as has been provided

[INCOMPLETE]

This agreement made this day of one thousand Eight hundred and seventy by and between Thomas A Edison of Menlo Park New Jersey U.S.A. owner and patentee of Edisons speaking Telephone in the Dominion of Canada party of the first part, Franklin H Badger Telegraph Engineer of Montreal Dominion of Canada party of the second part and A B C _____ of _____ party of the third part

Witnesseth

That said party of the first part is to furnish within thirty days from the date hereof for the use of said party of

[INCOMPLETE]



_____ dollars as royalty or rent for said instruments for one year from the date hereof and this Contract may be renewed if from year to year upon giving a notice 30 days previous to the expiration, upon paying the sum of _____ dollars.

~~It is further understood and agreed that in event of any derangement in the instrument~~

It is further mutually understood and agreed by & between the said parties that the said telephonic instrument or apparatus is to be used solely for the benefit of the party of the 1st part & for the transmission of messages relating to the business & affairs of the party of the third part

It is further understood & agreed that the said telephonic apparatus shall at all times remain the property of the party of the first part & nothing in

[INCOMPLETE]

4

the agreement contained shall be construed as or have the effect of vesting in the party of the third part any right title or interest to or in the same except the right to use the same during the term of this agreement upon making the payment for the use thereof herein provided

The agreement shall remain in force for a period of one year from the date hereof and upon its expiration the said telephone apparatus is to be delivered to the said party of the 1st part or to his accredited agent. Always provided that the contract is not to be extended,

This Memorandum of an Agreement
made this Fifteenth day of September
One Thousand Eight Hundred &
Seventy Seven by and between
Thomas A Edison of Menlo Park
Middlesex Co New Jersey United
States Inventor and patentee of
Edisons Speaking Telephone in
the Dominion of Canada party
of the first part Franklin N Badger
Electrician of Montreal Dominion
of Canada party of the second part
and
party of the third part Witnesseth:

That said party of the first part is to
furnish within thirty days from the
date hereof for the use of said
party of the third part
Complete sets of Speaking Telephonic
Apparatus for Stations Consist-
ing of Transmitters Receivers
and Call Bells instruments and
the party of the second part is to
Maintain the same in good working
order during the continuance of this
Agreement at his the party of
the second parts own proper cost
and expense

In Consideration of the above Stipulation
and agreements the party of the
third part will within ten days
from the receipt of such apparatus
of this nature in satisfactory pay
to the said parties of the first and
second parts the sum of Forty Dollars
for Royalty to accrue for said instrument
ents for one year from the date hereof
and this Contract may be extended
from year to year upon giving thirty
days notice previous to its expiration
and upon paying the sum of Forty
Dollars for each and every year
in advance
It is further mutually understood
and agreed by and between the
said parties that the said Telephonic

2. Instruments as aforesaid are to be used solely for the benefit of the party of the third part and for the Texas mission & missions relating to the business and affairs of the party of the third part

It is further understood and agreed that the said Potosi mining apparatus shall be and remain the property of the party of the first part and nothing in this agreement contained shall be construed as, or have the effect of vesting in the party of the third part any right title or interest to or in the same except the right to use the same during the term of this agreement when exercising the privilege herein provided.

This agreement shall remain in force for and during the period of one year from the date hereof if not otherwise terminated according to the provision before mentioned and upon its expiration the said Potosi mining apparatus is to be delivered to the said party of the first part or to his accredited agent

In witness whereof we have hereunto set our hands and seals this fifteenth day of September 1899

Witness E. S. Cattels

Franklin K. Badger

Canadian Dominion
Tele Co
Sept 17. 1877

Canadian District Telegraph Co
174 St James St
Montreal Sept 7/77

Dear Sir

Will you kindly favor me with a reply to my letter of the 8th instant & oblige

Yours Truly
Jas. Murray
Sec'y

T. A. Edison Esq
Newark
N.J.

F. H. Badger
Sept. 17.

Montreal
Thos. A. Edison Esq. Sept. 17th 1877

Dear Sir

I received your note of 16th inst. to day. All right. I am working things up. I have better telephone on our lines and over a line of 2 miles or so. I astonished the natives. Am to test it tomorrow on some private lines and expect similar results. I use plenty of battery in testing as it gives much better results. I find the contact variable in those I have, necessitating a change of adjustment. I think if you can manage to make the silk pads more compact with ~~[illegible]~~ greater pressure, that better results would be obtained.

Have been told that Bell's Telephone was tried on one of her Majesty's Men-ships for purposes of signaling to the men in different parts of the ship and it utterly failed on account of external and internal noises. I presume the internal noises were caused by the pulsation of the circulatory apparatus of the barnacles on the ship's bottom.

When you send documents let the proposition you made me for the sale of patent right be embodied in a separate paper. Please send me another set of apparatus for 2 terminals as soon as possible as I desire to use them in Quebec.

Very truly yours
H. H. Sleeper

OFFICE OF

# E. Ketcham & Co.,

100 Beekman and No. 289 Pearl Sts.,

New York, Sept. 18th 1877

Mr. Thos. A. Edison, Dr. Sir,

Yours to hand. I should like to see sample of Telephone soon as practicable. Mica sold in this market comes mostly from North Carolina. We are agents for a large mines & have 2 or 300 lbs. on hand now. Can get you any size from the mines. Mr J.S. Bowers (residence in New Hampshire) is our man. We will put you in communication with him & show you our stock at any time. Mr Bowers was in the City a few days since. Sample sent you shows the quality. Probably you could not use every piece for your work, yet the waste would be trouble.

Truly Yours. Geo. W. Ketcham

# American District Telegraph (Teleph) Company,

## OF DETROIT, MICH.

*Messengers, Police, Fire Department and Family Physician summoned instantly.*

GENERAL OFFICE, 135 GRISWOLD STREET, (Music Hall,)

G. W. BALCH, *President.*
JAS. McMILLAN, *1st Vice President.*
S. D. ELWOOD, *Treas.*
J. U. MACKENZIE, *Sec'y and Manager.*

Detroit, 18th Sept 1877

Thos A. Edison Esq
Menlo Park
N.J.

My dear Al

Have you disposed of your Telephone or not Various rumors afloat as to your doings - I would much like to secure some good territory on it or an agency in some prominent location where my exertions would bring me a better income than I am now making. ~~You so~~ I am handling the Bell Telephone and I may

# American District Telegraph Company,

## OF DETROIT, MICH.

*Messengers, Police, Fire Department and Family Physician summoned instantly.*

GENERAL OFFICE, 126 GRISWOLD STREET, (Music Hall,)

G. W. BALCH, *President.*
JAS. McMILLAN, *Vice President.*
S. D. ELWOOD, *Treasurer.*
J. U. MACKENZIE, *Sec'y and Manager.*

Detroit, 187

add with very good success
but if there is something which
is more desirable and I am
informed your is away out
of sight of it I want to
get it if I can — Now Al
dont throw this in the
waste basket but favor
your old friend with a
prompt reply & very much
oblige me — Jimmy is within
a very little of being as tall
as his dad now & has been
the assistant line man for over
a year for this Co — Bob Wagner
& Johnny Thomas are both well

Yours Sincerely
J U Mackenzie

Copy of prelim. statement to be made with Bliss & Holland for Telephone

Menlo Park, N.J., Sept. 18, 1877

It is hereby agreed that if Geo H Bliss and Chas E Holland will pay L W Serrell patent attorney 76 Chambers St New York within ten days from date money sufficient to procure patents for Edisons Telephone in France Belgium Germany Austria & Italy: that we will enter into a Contract with them, upon payment of the fees upon such patents, giving in Consideration for this money One fifth of the ~~net sum~~ proceeds of from the sale of such patents, in such Countries, if sold by us or one third of the proceeds if sold by the said Bliss & Holland or their agent, the minimum price at which such patents are to be sold being for France $10,000. Belgium $7,000. Germany $15,000, Austria $8,000. Italy $6,000, and, if the said Bliss & Holland elect at ~~the Edison~~ any time within ~~four~~ one years (provided the above agreement is accepted by them) to pay for the patents in other foreign Countries other than the U.S. of Am. Comm. in which the said Edison

may not at the time have obtained or sold to other parties they may do so on the same terms as with the above mentioned Countries, but it is understood that the Said Edison is to have the right to sell & dispose of the patent for any Country which has not been paid for by said Blum & Holland, without any claim from them for any of the proceeds.

Sept. 19. 1877. Phonograph

Edison

The Memorandum of agreement entered into this nineteenth day of September, eighteen seventy seven by and between Thos A Edison of Menlo Park N.J. party of the first part, Geo. H. Bliss Charles Edison, party of the second part and Cornelius Herz & Stephen D. Field of San Francisco, parties of the third part witnesseth,

Whereas the said party of the first part is the inventor of a Speaking Telephone for which he is desirous of applying for patents in and selling or disposing of the following Countries viz. Russia, Spain, Italy, Austria, Germany, France & Belgium and whereas the said party of the second & third parties are desirous of obtaining the sole patent right in the above mentioned Countries.

Therefore be it agreed that for and in consideration of the sum of one dollar to and paid by the second & third parties of the second & third parties to the said party

of the first part the receipt of which is hereby acknowledged, In consideration of the payment within twelve months from date of all fees & expenses incurred in procuring patents in the above mentioned Countries, which sum is to be paid into the hands of R W Sewell Patent Solicitor 76 Chambers St New York the day by the said parties of the second part, and for and in consideration of the said parties of the second & third parts that they shall use due diligence in offering for sale & endeavouring to sell such patents in the said Countries which endeavour shall be at their own Expense, the said party of the first part will upon the performance of such in consideration of the performance of the foregoing agreement by the said parties of the second & third parts grant to the said parties of the 2nd & 3rd parts one third of the proceeds from the sale of such patents in such countries, ~~and shall upon delivery of assignments and other papers upon payment~~

But it is expressly agreed that the patents for France shall not be sold for less than

£ 8000. That the patent for Germany shall not be sold for less than 15000, that the patent for Italy shall not be sold for less than 5000, that the patent for Spain shall not be sold for less than ~~£~~ 5000, that the patent for Russia shall not be sold for less than 4000 that the patent for Belgium shall not be sold for less than 4000, ~~for~~ of which sum ~~that the~~ the said parties of the second & 3rd parts are to receive 1/3. ~~The further agreed that~~.

~~It is hereby agreed.~~ It is hereby agreed ~~that in case~~ ~~both of the said parties of the second & 3rd parts fail to dispose of such patents~~ that all the parties to the agreement shall endeavour to sell such patent and if the said party of the first part shall succeed in selling the whole or any one of such patents at a price not less than above mentioned then the said party of the first part is to have 7/9 of

the proceeds, and ~~said~~ the parties of the 2nd part 1/9 and the party of the 3rd part 1/9. and in case the parties of the 2nd part succeed in selling the whole or any one of such patches at a price not less than above mentioned then the said party of the first part is to receive 2/3. the party of the 2nd parts 2/9 and the said party of the 3rd part 1/9. and in case the said party of the 3rd part should succeed in selling the whole or any one of such patches at a price not less than above mentioned then the said party of the first part is to receive 2/3 the said parties of the 2nd part 1/9 and the said party of the 3rd part 2/9.

It is further agreed that the said parties of the 2nd and 3rd parts should not transfer their interest without the consent of the said party of the first part.

If it can be shown to the satisfactory of the said party of the first part that the sums been mentioned for the patents in all or any Country, or that it would be advantageous, to sell at a lesser sum or that it would be necessary to take a lesser sum to secure a sale, then the the said party of the first part shall name the lesser sum

Clerom
with Chem. May should

It is further understood that the portion of the patents which pertains to apparatus for recording or reproducing the Human Voice or other Sounds locally is not to be sold with the telephonic apparatus but in any Contract assignment or transfer of the patent for telephonic apparatus the part above mentioned is to be retained, reserved and should belong to the parties to the Contract in the proportions such contracts between mutual and when perpetual shall be thought of another Contract for it sale

*The Central District and Printing Telegraph Co.*

OFFICE, FIRST NATIONAL BANK BUILDING,

*Corner of Fifth Avenue and Wood Street,*

*Pittsburgh,* Sept 9th 1877

Friend Edison -

I have just spent 2 hours over your Telephone, but without satisfactory results - we get nothing but the results obtained when I was at Newark, and not near as good as we got out of Bell's - Can it be possible I am wrong in anything? If so, set me right immediately - Certainly what we get today would not be satisfactory - We had a line 2 miles long, and no calls of call-bell - The sounds were exceedingly faint - True we did not get as much of the frying sound as with Bell's, but in spite of the frying Bell talked louder than mine by 10% -

Please advise me -

Yours truly

M. A. David

The Gold and Stock Telegraph Co.
WESTERN UNION BUILDING.
197 Broadway.

New York, Sept 20. 1877

T. A. Edison Esq
Dear Sir

In answer to your enquiries in reference to Telephones would say I do know that seen & conversed with one of the parties who are now using Bells Instr. They have been using them on a Short Line some ten days and I was surprised to learn that their Experience had been so nearly identical with that of the G & S Tel Co

They acknowledged to me that the service was not what they Expected or Required for Business purposes.

Under favorable Circumstances they obtained very satisfactory results, but at other times, it was difficult to get the Message & of course not to be relied upon — Another

objection for general Business purposes was noted (12) The inability to transmit a private Message from a Public Office.

Respectfully Yours

James C. Hood

8 Q Mess
Exh no. 17

*The Central District and Printing Telegraph Co.*

OFFICE, FIRST NATIONAL BANK BUILDING,

*Corner of Fifth Avenue and Wood Street,*

*Pittsburgh, Sept 21st 1877*

Friend Edison -

I regret to have to report, that we do not get results that are entirely satisfactory - It is true we can hear when Bell's cannot be heard on account of the "frying sound" and the induction, but the articulations are very imperfect - The sound is not nearly so good as that we obtained when I was at Menlo - I have been trying a hollow wooden tube pressed against the diaphram of the "listener", and with better results than by simply holding my ear against it - I think an arrangement something like that we had when I visited you will come nearest the mark -

The "talker" will have to be stationary, so that it can be adjusted with one hand, while the "listener" is held to the ear with the other -

*The Central District and Printing Telegraph Co.*

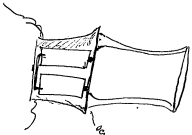
OFFICE, FIRST NATIONAL BANK BUILDING,

*Corner of Fifth Avenue and Wood Street,*

2 Edison – Pittsburgh, Sept 21 1877

I see you have not been able to get rid of the harmonics –
You've no some idea of the number of cells required on the average –
I will make a drawing (very rude sketch) of what I think the "listener" should be, in order to secure all the sound –

Yours Truly
E. M. David



Wasn't in just here, which will enable one to regulate the pressure –

**Fire Alarm Department,**

City Hall,

Montreal, Sept. 21st 1877

Dear Edison

I sent you last evening a local paper containing a paragraph in notice of a trial of the telephone on a line of the Dominion Tel. Co. to Quebec. We had two trials, one in the forenoon and one at 5 P.M. The first trial was more satisfactory than the last, and I will here mention a point I observed. While talking to Quebec the signals would come at times very distinct as much as that in answer to a question I recognized the voice of the particular person speaking, while at other times and without changing the adjustment at either end the signals of articulation would become indistinct. Now it seems to me that this is due entirely to the silks being too soft and lacking homogenity, as the resistance of them seems to be changed by the vibration of the mica diaphragm.

The clearness of articulation at times,

even at that distance of 200 miles, indicate the possibilities of the apparatus, if this variability of the silk pad under vibration, can be overcome.

There were noises enough on the line but these don't seem to interfere with the vocal sounds materially.

The day before, I tested on a short line of five miles running out into the country, and as the wind was blowing briskly I could hear sounds in the receiver exactly like a continual rushing such as the wind makes in rushing through the bare branches of trees, or through a lot of wires, and I feel convinced that it must have been the molecular tremor caused by the wind, which I heard in the receiver. On the Hyde line we have here, of twelve miles I heard no such noise, nor on the Quebec line of 200 miles, and it was quite calm during these tests. In the above instance, where the rushing sound was heard, I could here other disturbances of a purely electrical kind caused by proximity of other lines, but these were emphatic, and interrupted, the tapping &c. easily distinguished while the other sound was continuous, rising and falling, just like the wind. It did not interfere with the talking however.

But to come to more practical points: if you can only manage to improve the pads to get rid of the trouble I refer to, a grand point will be attained, and I am awaiting anxiously the receipt of another set, as soon as you can send them.

With this I send the contract papers with my signature thereon.

Let us have that book you referred to as soon as possible.

With my best wishes for your success

I remain
Yours
F. H. Badger

Blank No. 1.

# THE WESTERN UNION TELEGRAPH COMPANY.

The rules of this Company require that all messages received for transmission, shall be subject to the Company's rules of the Company, now or hereafter adopted, which conditions have been agreed to by the sender of the following message.

WILLIAM ORTON, Pres't.,
A. B. BREWER, Sec'y, } New York.

Dated West Point Jy 14 1877

Received at Menlo Park

To J. A. Edisons

Drawings for Model received.
I understand an Spring in End of Reed is this Correct? or the Diaphram Whole and attached? or not to Reed.

G. M. Phelps

3 o'clk P.M.

Blank No. 1.

# THE WESTERN UNION TELEGRAPH COMPANY.

This Company [illegible] for DELIVERING messages only on conditions, limiting its liability, which have been assented to by the sender of the following message:
Repeated messages are sent only at the request of the sender, under the condition that this Company shall not be liable for errors or delays in transmission or delivery of Short Time Messages, Repeated Messages, Unrepeated Messages, Messages for Points Beyond, or Messages not delivered by request or the sender under the conditions hereinafter specified.

ANSON STAGER, Vice-Pres't, Chicago. WILLIAM ORTON, Pres't, A. R. BREWER, Sec'y. } New York.

Dated New York Sept 22 1877

Received of Pa W-O

To T. B. A. David

READ THE NOTICE AT THE TOP.

Harmonics is new to us
must be something radically wrong
will send another

Edison

1/3 DN

I shall hail the above with
joy — Really we have too
much trouble with this one —
It is temperated half the time —
There is nothing like as perfect
articulation as comes through Bell —
a great deal of the extreme difficulty
experienced with Bell's is avoided
by — we tested today where

It would have been neat to unfold to have used Bell's —

When you have the thing perfected, the outfit should be a bracket with the upright fitted on it, and at the back a switch, bell & key to call with & then to turn on the telephone —

Yrs [illegible]

J. B. Adams
Feb. 7th 1877

The Central District and Printing Telegraph Co.

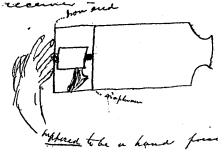
OFFICE, FIRST NATIONAL BANK BUILDING,

Corner of Fifth Avenue and Wood Street,

Pittsburgh, Sept 22 1877

Friend Edison

The following is suggested for a receiver




Attach to a hard iron magnet against diaphram –

Yours

O. A. David

The above will bring us back to where we were when I experimented with you at Menlo, and got such good results – Make one any how and send to me –

Blank No. 1.

# THE WESTERN UNION TELEGRAPH COMPANY.

The rules of this Company require that all messages received for transmission, shall be subject to the Delivery Limits of the Company, under and subject to the conditions printed thereon, which conditions have been agreed to by the sender of the following message.

WILLIAM ORTON, Pres't. | New York
A. B. BREWER, Sec'y.

Dated New York Sept 1st 187

Received at Menlo Park

To L. A. Edison

Doct. Hung says will be at my Office at noon tomorrow, Mauts Jim and Bliss & have papers ready.

L B Prescott

1 PM.

Blank No. 1.

# THE WESTERN UNION TELEGRAPH COMPANY.

The rules of this Company require that all messages received for transmission, shall be written on the Company's blanks of its Contract, duly and subject to the conditions printed thereon, which conditions have been agreed to by the sender of the following message.

WILLIAM ORTON, Pres't. A. B. BREWER, Sec'y. } New York

Dated New York Sept 21st 187

Received at Menlo Park

To T. A. Edison

Please bring in or send tomorrow pure Jims Motographic sounding board for Boyer.

E. H. Johnson

1 S.R.H.

**Fire Alarm Department,**
City Hall,
Montreal, Sept. 25th 1877

Thos. Edison Esq

Dear Sir

I receive a letter from you yesterday and in reply will say that I am anxious to get 2 sets of apparatus as perfect as possible. We are arranging for a grand exhibition here of the Telephone, before a number of our most influential citizens, and I feel very anxious to produce results that will astonish them, and which I believe we are able to do.

The working of the pair I have is on the whole not very satisfactory as they are so variable in working, and consequently I have deferred any further public exhibition of them, awaiting another consignment.

Please send as soon as you can and let them be equal to the "painfully loud" ones you described in your last letter or what you consider good.

Very truly Yrs.

W. H. Badger

I have a party who is going to Paris in a week or two and if you have not made any disposal of France we can push matters there.

F.W.B.

F. W. Badger
Sept 25, 1877

Telephone U.S. Corresp

Blank No. 1.

**THE WESTERN UNION TELEGRAPH COMPANY.**

The rules of this Company require that all messages received for transmission, shall be subject to the Delivery limits of its Delivery, Water and Airport to the conditions printed thereon, which conditions have been agreed to by the sender of the following message.

WILLIAM ORTON, Pres't, A. B. BLEVEN, Sec'y. } New York.

4

Dated Chicago Ill. 25 1877

Received at

To T. A. Edison

Menlo Park N.J.

when may I expect the telephones you promised me very important to have them here at the earliest moment possible

Anson Stager

Blank No. 1.

# THE WESTERN UNION TELEGRAPH COMPANY.

The rules of this Company require that all messages received for transmission, shall be written on the message blank of the Company, subject and subject to the conditions printed thereon, which conditions have been agreed to by the sender of the following message.

WILLIAM ORTON, Pres't. } New York
A. B. BREWER, Sec'y.

Dated Newport Sept. 28th 1877

Received at Menlo Park

To T. A. Edison

Johnson Telegraphs from Chester to my Care as follows "I should have a full Set of Speakers at once, Exhibition of it at Summit was an immense Success, never saw better articulation - how soon Can you furnish them Good Houses here last night - worked well"

Willmerton

DTH

# American District Telegraph (Telegph) Company,

## OF DETROIT, MICH.

*Messengers, Police, Fire Department and Family Physician summoned instantly.*

GENERAL OFFICE, 136 GRISWOLD STREET, (Music Hall,)

G. W. BALCH, *President.*
JAS. McMILLAN, *Vice President.*
S. D. ELWOOD, *Treasurer.*
J. D. MACKENZIE, *Sec'y and Manager.*

Detroit, Sept 29th 1877

Thos A. Edison
Menlo Park
N.J.

Friend Al

Your favor of 21st
rec'd duly rec'd & in reply
would say Bell only offers
to local agents 20% & furnishes
printing Stationery &c and 7%
on renewals after the expiration of
the first year - He is standing
in his own light in this matter
I think - I have a great many
business men interested in the
Telephone matter and could
would hold them for the Edison
Bell if I knew something positive

# American District Telegraph Company,

## OF DETROIT, MICH.

*Messengers, Police, Fire Department and Family Physician summoned instantly.*

GENERAL OFFICE, 135 GRISWOLD STREET, (Meals Hall,)

G. W. BALCH, *President.*
JAS. McMILLAN, *Vice President.*
S. D. ELWOOD, *Treasurer.*
J. U. MACKENZIE, *Sec'y and Manager.*

Detroit, 185

as to its ~~merits~~ merit for if it is as desirable as I am told by those who say they know it will be to the interests of my patrons to wait & secure the best thing for their business - Now al ofm the time up & if possible secure on a good show on it as I am I know especially got up for such things - I have not written to Mr Orton or Mr Steger as you told me to do on a/c of the fact that Mr Balch is the Pres of this Co & I fear that my desire to secure the representation of your Telephone here would clash with his interests

American District Telegraph Company,
OF DETROIT, MICH.
*Messengers, Police, Fire Department and Family Physician summoned instantly.*
GENERAL OFFICE, 135 GRISWOLD STREET, (Music Hall,)
G. W. BALCH, *President.*
JAS. McMILLAN, *Vice President.*
S. D. ELWOOD, *Treasurer.*
J. U. MACKENZIE, *Sec'y and Manager.*

Detroit, 187

to such an extent as to cause me embarrassment - He is the President of the Det Electrical Works & they have set their heart on giving Speaker & have represented that they through their connection with the Western Electric of Chicago & Wall St have the control of it.

Now then if I can get an Exclusive agency here for a sufficient territory to guarantee it I will devote my entire time & attention to it & give up my present position - but if I can't get it here (which I would much prefer) I would accept good territory elsewhere - Cant you send me a set of

# American District Telegraph Company,

## OF DETROIT, MICH.

*Messenger, Police, Fire Department and Family Physician summoned instantly.*

GENERAL OFFICE, 135 GRISWOLD STREET, (Music Hall,)

G. W. BALCH, *President.*
JAS. McMILLAN, *Vice President.*
S. D. ELWOOD, *Treasurer.*
J. D. MACKENZIE, *Sec'y and Manager.*

Detroit, 185

your instruments they will be taken good care of & disposed of as you may direct. I have 20 to 30 customers now anxious who will if I say so wait for the arrival of yours. Let me hear from you often & do what you can for me for I need something better than I now have having a family of only 8 to provide for on $100 per mo?

Yours Sincerely

J D Mackenzie

Don't you 7 me press with telephone item in it

**Fire Alarm Department,**

City Hall,

Montreal, Sept. 29th 1877

Dear Edison

Yrs. of the 26th recd.

In my last I wrote you that the apparatus I have was found to be exceedingly variable and to come to no tangible results I tested them on a Differential Galvanometer; of course there was a constant in the Receiver of some 23 ohms but the Transmitters gave these results.

As I had them adjusted with 8 cells Gravity at first contact they gave (one) about 260 ohms, on speaking with a continuous tone resistance rose to 380 - and with cessation of tone fell to sometimes 260 then again to 240 - 280, 300, and so on rarely coming back to first condition. of course this I expected but I also found that the slightest increase of temperature by breathing gently into Receiver sent the resistance up 100 to 150 ohms which fell back when and as it cooled - This effect I attributed to

I will mention that when the air was blown on the Mica from a distance so as to cool it, the effects were reversed, that is the resistance became less.

As the plates of mica are not perfect planes but have more or less a natural curved surface, the tendency of variations of temperature is to lessen or increase the curve in being fixed at the edge – Also in another Transmitter the effects I observed may be reversed by the disc being placed with the slightly concave side towards the mouth.

Say that we used Mica because it was least affected by heat and had no harmonics. The metals were graphically variable by heat – say that it had bothered us so that we have altered the method of holding the silks on all our telephones so that expansion & contraction of the diaphragm by any extent will make no difference. There to be sent a way thank [illegible] 150 for Wh. shops and you in 3 or 4 days

the expansion of the Mica disc rendering it concave towards the mouth and thus lessening pressure on the silk. The effects were constantly observed and the disc seemed to be very sensitive, as after the it had remained quiescent for some time the gentlest breath of warm air ~~with~~ from the mouth blown to the Receiver the Apparatus not being touched, would send the Needle of Galv. flying, showing the increased resistance. – It could not be from change of temperature in the silk pad as the effect was to instantaneous for that, and it seems to me referable only to the expansion of the Mica as above indicated.

I thought perhaps this point had not been noticed by you – and you can judge if it is worth any attention as affecting the adjustment and consequently the articulation of the Transmitter.

Like the new plan described in your last and hope you will forward 2 terminals (2 complete sets) as soon as you can as many are waiting results.

Yours &c

J. H. Pauger

Fire Alarm Department,

City Hall,

Montreal, Oct. 3d 1877

Dear Edison

We have been waiting patiently since Saturday last, but at time of writing have received nothing. I feel anxious as I have been applied to by several parties to put in Bell's apparatus and I have put them off, saying I would in a few days be able to offer them a much superior instrument — and one which I could fully recommend. Also many others who are waiting to test your Telephone with a view to its adoption. There are also parties in Upper Canada who are introducing Bell's, and I am anxious to head them off as after Bell's is once taken by parties to use, no matter how much superior apparatus we may offer we cannot hope to fetch even parties until the end of a year or until their lease for the Bell apparatus expires. Therefore please do the best you can for me, and send them along as soon, and as perfect as possible. The importance of time is my apology for writing you again.

Yrs. &c.

F. H. Badger

P.S.

I have just recd. 1 yrs. of 2nd inst.

All right. send as soon as you can (2) hs. transmitters anyhow, and I will go on with my "showing".

In my last I put the Pacific scrim as having 2.8 ohms, but referring to Note 2 find it is 20.3 ohms. I have corrected it.

~~Have you tried silvered sponge as a pad? Plumbago won't stick permanently to it.~~

Yours

G.K.B.

F. H. Gerrish
Oct 3. 1877

JAMES PARTRICK. FRANKLIN S. CARTER.

# Partrick & Carter,

PRACTICAL TELEGRAPHERS and ELECTRICIANS,

MANUFACTURERS OF AND DEALERS IN

TELEGRAPH and ELECTRICAL INSTRUMENTS and SUPPLIES,

No. 38 South Fourth Street,

Manufactory, 614, 616 and 618 Filbert Street.

Philadelphia, Oct 5 1877

Mr. A. Edison

Menlo Park N.J.

Dear Sir, Please let us know by return Mail how this man at Havana is to obtain the Telephones Will you send him two, or send two to us to forward if to him send them to Mr B & Co Swift Fire Alarm Havana — If to us send him, If he has to pay duty from Buffalo which he does not want to do let us know quick by return mail

And Oblige

Partrick & Carter

Please
Attn E

How soon will you be prepared to fill orders for telephones?

J. M. A. David

Pgh Oct 5th/1897

**Fire Alarm Department,**

City Hall,

Montreal, Oct. 6th 1877

Dear Edison

I heard a rumor the other day that no application had been received at the Dominion Patent Office for a patent on Edison's Telephone. I paid little attention to it until to day I was informed by a friend who examined personally the Patent Records and Applications for Patents and he could find no evidence that such application have been made As we are likely to come into collision with Bell's Agents I wish you would look into this matter and give me some specific statement relating thereto. The statement made to me by you and Mr. Lennell was to the effect that such application had been made, but it would amount to nothing unless the fees in connection therewith have been paid, all of which may have been done, and yet by some neglect or oversight no record made. The matter is of utmost importance as affecting you and our interests herein and if it does not now stand secure it should be made as without delay.

I have been told that Bell in taking out his patent in Canada made very large claims, as covering the application of an iron or steel diaphragm vibrating in front of a magnet for producing vocal or musical sounds, and if so how can we help coming into collision with him?

Please write me at once and in full on these points and if the thing is not secure let us attend to it immediately.

If you desire I will act for you here in the matter but I do so it will be best for you to send me power of attorney.

If the whole thing is perfectly secure send me documentary proofs thereof as I may be able to silence all opposition

An early reply will greatly oblige

Yours very truly

F. H. Baldyn

Montreal
Oct. 6th 1877

Dear Edison

I write further to say that several applications have been made for your Telephones since I exhibited them in spite of numerous Advertisements of Bell's, who has at present the advantage of me on account of having a number of instruments ready for use on hand. If possible I intend to push your Telephone here so as to be in a position to close the bargain according to the terms you offered for all the rights in Canada it will be necessary in the interests of all concerned that the patent for the Dominion should be secured at once before I can act to advantage

in the premises. I will therefore advise you to take the necessary steps at once to fully secure your patent here.

A Patent Solicitor here tells me that owing to the fact of your specification being made public in the United States that difficulties will be thrown in your way to obtain a Canadian patent at all.

Should you be unable to give this matter your immediate attention I will take the necessary steps to secure the patent provided you authorize me to do so. In the meantime I feel reluctant in sending manuscript until the patent is secured.

By conclusion I may say that the mania here on Telephones at the present moment is intense

and

and I feel that to accomplish the best results the work must be done immediately.

Yours &c.

J. H. Barclay

M L B Stevens
Oct 7. 1877

24, W. 32d St N.Y. City
Oct 7th 1877.

Mr Thos A. Edison
Newark, N.J.

Dear Sir:

Will you be kind enough to inform me whether any description of your Telephone has appeared in print; and if so, where I can obtain a copy of the article. I am informed that one of your instruments may be seen at the Western Union Telegraph Building; please tell me in what room, and under whose charge.

I have seen a brief newspaper description of your instrument, from which it is easy to glean some idea as to the mode of sending; but the mode of receiving was not so

clearly described.

It is but fair to state that I have no present or prospective monyed interest in any form of Telephone, my interest in the subject being exclusively that of the student. By profession I have been a teacher; should I learn all I wish regarding the history, construction, and uses of the various forms of Telephone I may use my information for lecture purposes with classes in Physics. Any aid you may give me in effecting this object will be thankfully received.

With much respect, I am, Sir,
Your Truly
W. LeConte Stevens.

Menlo Park Oct 8 1877

— 3 PM —

F.A.B.

Just after you had gone today a man came up from Scribner's to see you he said you had made an engagement with ~~you~~ him. I showed him the Telephone & he got every word of it and took notes on the principle etc I also stuffed him with the pressure relay & Electromotograph. I offered to write a small article which he could correct himself for the magazine but he said he could do that himself. I told him you would be back in a few days and he will see you himself before the article is published

Have already started Kinsi but I shall have to get him some more Mica. I think I shall have Murray make his own model for ring as Kinsi does not know what size Bradley has bored out the Mingo I will attend to that all right

6.30 pm. Johnson has been here & taken speaker we gave it good trial & it ~~was~~ was very good he was delighted. I fix up the other tonight & take to Murray in morning to rush him on them — The talker has not altered in resistance at all but was just the same as when left on galvanometer. I intend to find out why that puff gave out so quick I cant believe they go so soon.

Pact

P.S. Gas machine gave out, (want of gasoline,) put in 2 barrels more. We measured it & found about 1 barrel in it that is using 3 barrels in 25 days or about 5.26 per week I think it is because we had so many ~~[illegible]~~ electric without burners we must be more careful in future

B

Did you receive my letter
in reference to telephones?
If so please answer it
and oblige
Yours &c
J. J. Hogan

178 Mulberry St.
Newark N.J.

J. J. Hogan
Oct 19. 77

Fire Alarm Department,
City Hall,
Montreal, Oct 20th 1877

Dear Edison

I have been waiting patiently for apparatus, expecting its receipt daily for the last two weeks but it dont come worth a cent. Your letter of 14th was satisfactory in regard to patents, you said Sewell has receipt for Canadian Patent: what do you mean by that? If receipt for application fees I understand: otherwise am in obscure. Please explain more fully in yr. next. Hope you will be able to send me two transmitters soon, as I am getting into a delicate position with people here who desirous to see something practical have received promises from me until they half suspect I am a humbug. Please help me out as soon as you can.

I have been told that Bell intends to pounce down on me as soon as I offer your tel. sts. in Market. Below credit report but shall give him an opportunity very soon after you send apparatus. Please reply and oblige yours sincerely

Badger

ELECTRIC PEN-DUPLICATING PRESS.
220 to 232 KINZIE ST.

CHICAGO Oct. 7th 1877.

Friend Edison.

It is rough when Mr. Murray tries to palm off his blunders on to me. We had a talk with Henry and myself separately about that 1000 feet of telephone cord. We both wrote about it the same day, Henry ordered Pen cord while I told the W. E. to make it heavier than pen cord. Murray now shows that Orton a sample of silk cord and wants an advance of $150.00 on account of what he considers the W. E.'s error. Mr. Orton takes occasion to roast the W. E. on the knuckles for this & of course it reflects on me. The W. E. have plenty of faults without being blamed for what they are not to blame. Murray did not show me or give any sample of silk cord and I don't like being disparaged in Mr Orton's opinion need hardly.

Respfly
Geo. W. Beale

ELECTRIC PEN AND DUPLICATING PRESS.

220 TO 232 KINZIE ST.

CHICAGO Oct. 23 1877.

Friend Edison.

You want to hurry out your telephone.

The U. S. are selling lots of Bells.

Really

G. G. Blair

J. T. MURRAY,
MANUFACTURER OF
TELEGRAPH INSTRUMENTS,
NOS. 19 & 12 WARD STREET,

Newark, N. J., Oct 23 1877

T A Edison Esq

Sir

I Ordered Cord from Bliss also from Tillitson neither are like samples I wish you would examine both and tell me which is best as time is short and I cannot stop to have some made got samples from Providence but was single like Bells I dont know what to doe till you decide I will try hard to get them out this week will have four so you can take pair in N.Y. if you wish —

J T Murray

Montreal
Oct. 24th 1877

Dear Edison

Certain parties here are very anxious to see, and hear your "Singing Telephone" in operation: Can you send me the apparatus necessary for such an exhibition? I can get the necessary "sounding board" X here if you will send the rest including the prepared paper.

Please answer.

At time of writing have received no news of Telephones.

Yours, X

F. H. Badger

McCarty, R.A.

# R. A. McCARTY,

## Marine Reporter and Vessel Broker,

VESSELS AND FREIGHTS SUPPLIED ON SHORT NOTICE.

Agent for the North-West Transportation Company's Lake Superior Line of Steamers. Marine Insurance.

OFFICE OVER MOFFAT'S WAREHOUSE. FOOT OF SARNIA STREET.

Port Huron, Mich., Oct. 7th 1887

Friend C.

I was in Detroit a very short time yesterday & was rather late so I did not have time to call on you. I am having a telephone for their office to communicate with the world in general for which they are strangers and advised them to write to you about it. I presume you will hear from Mr. P. Ellison and can let it alone. I think it would be a big card for your invention if you put one into their office and will undertake to run it there for a time. Write up in the Detroit Free Press and Post & Tribune if you do, the advertising it would receive from those papers, as well as its prominent location would be of immense value to you. I expect to be in New York this winter and if I do, time would like to visit your manufactory. With best wishes for your prosperity I am

Your Friend

R. A. McCarty

I am trying to pay you back for those fellows Moffat & Co. stole from Mike Oates in 1861

ELECTRIC PEN-DUPLICATING PRESS.

220 to 232 KINZIE ST.

CHICAGO Dec 29 1877.

T. A. Edison Esq
Menlo Park. N. J.

Dear Sir!

Talk with Henry about that card and I think he will confirm my statement I have not mentioned the matter to him. The E. E. do not sell but rent delighting at $75.00 per year for complete outfit at back end of line.

Respectfully
Geo W. Blair
Genl Mangr

**Fire Alarm Department,**

City Hall,

Montreal, Oct. 30th 1877

on sighing for Telephones

Dear Edison

Yrs. of 25th inst. recd.

If you will send on the fixtures such as the transmitter, Bass arm carrying connecting point & spring, and the contact wheel on which the paper runs, with a roll of prepared paper, I can attach them to some sort of sound board myself with help of a diagram from you.

Send whatever you think I need outside of sound board (with bill) and I will be obliged

Yrs F.A.B.

The Central District and Printing Telegraph Co.
OFFICE, FIRST NATIONAL BANK BUILDING,
Corner of Fifth Avenue and Wood Street,

Pittsburgh, Oct 31st 1877

My dear Edwin -

I dropped a note for him on last Saturday, stating that I could not stop over, and asking you to send me the letter of Telephone as soon as possible, and I would do my level best to make them do all we wanted. If you did not get the note, please send along what you think I want — I sincerely hope you have hit the thing we want -

Yours Very Truly,
W. A. David

F. K. FITCH. A. V. MESEROLE.

# FITCH & MESEROLE,

MANUFACTURERS OF

## Electrical Apparatus,

40 COURTLANDT STREET.

BRADLEY'S
Patent Naked Wire Helices
FOR
ELECTRO-MAGNETS.

New York, Jan 1 1877.

T. A. Edison Esq
Menlo Park N.J.

Dear Sir:

We have recommended to a party, who was about to apply to the Bell Telephone Co, your superior instrument. They will want four (4) sets for a private line out of town. Can you furnish them? If so, at what price to us? It seems be an opening for quite a large demand.

Yours
Fitch & Meserole

# American District Telegraph Co.

OF

LOUISVILLE,

*Messengers, Carriages, Police, Fire Department or Family Physician furnished instantly.*

GENERAL OFFICE—S. E. Corner Main and Third Streets.

J. D. ALLEN, *President.*
L. BAMBERGER, *Treasurer.*
R. A. SHIPMAN, *Sec'y and Manager.*

Louisville, Nov 4 1877

T B Edson Esq

Dear Sir I would like to ask what about your Telephone, I have in addition to a successful District a number of private lines here under my charge and expect to build two more soon but now comes in agents for Bells Telephone and I must meet them with something of a kind if yours is sufficiently developed to be practical make me or I should say

# American District Telegraph Co.

OF

LOUISVILLE,

*Messengers, Carriage, Police, Fire Department or Family Physician furnished instantly.*

GENERAL OFFICE—S. E. Corner Main and Third Streets.

J. D. ALLEN, *President.*
L. BAMBERGER, *Treasurer.*
R. A. SHIPMAN, *Sec'y and Manager.*

Louisville, 187

the Co I represent your Agent
for Kentucky and Tennessee
and I will promise to secure
you the Cream of the business
please write at once
I am holding a few
parties off and the other
parties are at work

Yours truly
R A Shipman
Gen'l Manager
ADSLow

J. T. MURRAY,
MANUFACTURER OF
TELEGRAPH INSTRUMENTS,
NOS. 10 & 12 WARD STREET,

Newark, N. J., Nov 6th 1877

T A Edison Esq
Sir
I have finished Telephones and no work now in ship what is the prospect for more I dont want to teach new men every job I get if there is any prospect I will keep them if not I will let them go — please inform me and oblige
J T Murray

I will not make any charge for new alteration beyon but if co would pay me I would

Please push telephones so I can get some money as I need it can get the money as soon as they are delivered

J. T. MURRAY,
MANUFACTURER OF
TELEGRAPH INSTRUMENTS,
NOS. 10 & 12 WARD STREET,

Newark, N. J., Nov 10th 1877

T A Edison

I am very short
the men are all out of
money and patience
if you endorse this bill
I will try get some
money from Mr Ver —

Yours J T M

Return it by bearer
shall I ship all my
men or not tell
me what the future
prospect is if possible

The Central District and Printing Telegraph Co.

OFFICE, FIRST NATIONAL BANK BUILDING,

Corner of Fifth Avenue and Wood Street,

Pittsburgh, Nov 14th 1877

Friend Edison –

I wish you would send me three two sets of Telephones. If you have not been able to make them, please send me the two stationary upright tables that you made first – I want something to hold the makers while we adjust it –

My idea is that it will not require repeating after they once adjusted work do, as the jarring from wagons etc will gradually shake them loose – especially about our mills –

Let me hear from you promptly –

Yours Truly

E. M. Reid

Patrick Carlin
Nov 15. 77

Telephone Letters

Phila Nov 17. 77

T. A. Edison Esq
Dear Sir –

We have been waiting sometime to hear about your Telephone and its completion as we could get a chance for one more in the Island of Cuba – You promised to write us and let us know when completed We mean the Speaking Telephone – Will you be kind enough to give us a description of it and the other if you have it printed or tell us where it is printed so we can

see it. Please write us and let us know what can be done in the matter of introducing it abroad.

And oblige

Patrick Curtis
38 Park Row

We want to advertise our agent at once

J. T. MURRAY,
MANUFACTURER OF
TELEGRAPH INSTRUMENTS,
NOS. 10 & 12 WARD STREET,

Newark, N. J., Nov. 24 1877

T A Edison Esq

Sir

Please give Scott those Bills so I can collect and pay them as they are all after me for Settlement

Oblige

J. T. Murray

P.S.

any prospects for me for work from any source

G B Shaw
Nov 26. 77

Friend. David,

Nov 25. 1877

I think I have struck the Carbon Telephone now that is Constant. few days more will Tell the tale -

Your Edison

Dear Edwin - This was tried in a crude way by one of our men here - my advice to you is not to say anything about this new alliance until you

have made it unacceptable, and thus secure his claim - kept out of the newspapers -

I sincerely hope you will accomplish the thing yet —

I am still experimenting with yours - I have it very conveniently mounted on a bracket, and am having little keys arranged to that one can strike the transmitters as one receives —

I want you to pull things on this thing —

Regards to Patch —

G.M.B.

Could you let me have a large Electromotograph machine to give a private amateur circle with?

1877 - Telephone

Nov 29 97

Mr. Edison
Menlo Park
Dear Sirs —
Or Sir
I would be pleased to hear
from you in regard to your
telephone and if possible
come to some mutual
arrangements for its or its
duplicate abroad —
Your early reply will
oblige Yours truly
Edward Gerson

188 East 53 St. N.Y.

35a

# American District Telegraph Company,

## OF DETROIT, MICH.

*Messengers, Police, Fire Department and Family Physician summoned instantly.*

GENERAL OFFICE, 135 GRISWOLD STREET, (Music Hall,)

G. W. BALCH, *President.*
JAS. McMILLAN, *Vice President.*
S. D. ELWOOD, *Treasurer.*
J. U. MACKENZIE, *Sec'y and Manager.*

Detroit Nov 27th 1877

T. A. Edison Esq
Menlo Park N.J.

My dear Al

I arrived at home on Sunday p.m. about 11 K and found everything O.K. Mr Andrews informed me on Saturday that the consolidation of the Harmonic Dolbear and Edison Telephones under the name of the American Telephone Co really the Gold + Stock Co was actually completed and that instructions had been sent forward to the Western Electric at Chi to begin the manufacture of the different kinds now in working condition

I enclose you a clipping

35 Co

# American District Telegraph Company,

## OF DETROIT, MICH.

*Messengers, Police, Fire Department and Family Physician summoned instantly.*

GENERAL OFFICE, 135 GRISWOLD STREET, (Music Hall,)

G. W. BALCH, *President.*
JAS. McMILLAN, *Vice-President.*
S. D. ELWOOD, *Treasurer.*
J. U. MACKENZIE, *Gen'l Sup't & Manager.*

Detroit 187

from the Detroit Evening News
of the 23 inst for your edification
I have not put your
telephs in circuit have been
too busy at other things but
will put them on soon and report
to you the results. I am anxious
to know what you have accomplished
since I left. I am anxiously &
confidently expecting to hear of
your having struck a flowing
telephone oil well and day
& full sure you will notify
me of the time when done
I have spoken of the
Musical Concert business to
my prominent friends and am
assured of liberal support
now all I want you to take
steps at once to have a complete
outfit sent on by Mr Johnson or

35c

# American District Telegraph Company,

## OF DETROIT, MICH.

*Messengers, Police, Fire Department and Family Physician summoned instantly.*

GENERAL OFFICE, 126 GRISWOLD STREET, (Music Hall,)

G. W. BALCH, *President.*
JAS. McMILLAN, *Vice President.*
S. D. ELDRIDGE, *Treasurer.*
J. U. MACKENZIE, *Sec'y and Manager.*

Detroit 187

generally and I will be willing
to give any reasonable share
of the profits to Mr Jotman or
you as the case may be. If
you will put this in shape for
me immediately I will feel
exceedingly obliged to you. When
you get a choice selection just
to suit you I hope you will send
along as you promised if only
for a day or two. I have told
some many yarns about you &
want to give illustrative proof
of same — Present my regards
to Mrs. Dot and Tommy also
Mr Adams & Mr Batchelor and do
not lose sight of the fact that
you owe to your family & generally
a debt which is to preserve your
bodily & intellectual health to the best
of your ability which can best be done
by being temperate in all things & in your

35d

# American District Telegraph Company,

## OF DETROIT, MICH.

*Messengers, Police, Fire Department and Family Physician summoned instantly.*

GENERAL OFFICES, 135 GRISWOLD STREET, (Music Hall,)

G. W. BALCH, *President.*
JAS. McMILLAN, *Vice President.*
S. D. ELWOOD, *Treasurer.*
J. U. MACKENZIE, *Sec'y and Manager.*

Detroit 187

Can particularly I would ask you to get to work as early as you please quit for meals regularly on the stroke of the clock take sufficient time at your meals to enjoy your food and carry on ~~enjoyable~~ conversation with the members of your family shunning business topics if possible and devote your evenings to domestic pleasure and enjoyment – never work on Sunday! I suppose you think me officious but all I assure you I do this with the best intention in the world & I feel sure you can and will benefit much if you will follow this advice – give me your views on the subject when you write & let me hear from you soon

Yours Sincerely

J. U. Mackenzie

[ENCLOSURE]

Detroit Evening News
Nov 3 1877

# A TELEPHONIC TRIUMPH.

## A LANSING MAN INVENTS AN INSTRUMENT THAT BEATS THEM ALL.

### Articulate Sounds Heard Over a Circuit of 230 Miles.

Since the time when Phillip Reis, of Frankfort, Germany, first made his experiments in 1861, with the view of making the transmission of articulate sounds possible by means of telegraphic connections, the electricians of the world have been hard at work trying to perfect methods and appliances for making a practical telephone. The wonderful and marvelously simple instruments of Prof. Gray, by which his harmonic telephone produces such pleasing results, was a grand scientific triumph, but after all it has no great practical use, being but a mere toy. Prof. Graham Bell's still more remarkable speaking, or "articulating" telephone, has already made its mark in the social and business world as a practical agent for the instantaneous transmission of the sounds of the human voice to distant points by means of magneto-electrical appliances. All who have used the Bell telephone have found it to be a very remarkable instrument and the position of telephonic research. Celebrated experimenters and scientists have been at work on other theories, and it is now in order to make public some of the results of their labors. To all appearances Mr. G. H. Richmond, of Lansing, a dentist, and a student in the walks of scientific research, is the man who has made

THE GREATEST STRIDE

in advance of Bell. He has worked quietly, but perhaps not more so than the matter of the thing, as the sequel will show, commenced with partial success has kept on until he has actually achieved results that throws Bell's work completely in the shade. The following brief technical description of his hydro-electric telephone is given by Mr. Richmond, which is clear enough for general comprehension, and will be of peculiar interest to all who have studied the matter at all. The fact in the ethics of electricity on which Richmond starts out, is the definition that "none will offer a resistance to the passage of a current of electricity over 1,000 miles of wire." The principle involved in the instrument consists of the following parts: "A circular brass tube, about two inches in diameter, is secured in a perpendicular position, into the upper part of which is inserted a speaking-tube, and to the lower part is secured a thin metallic diaphragm which can be tightened to a proper tension by means of thumb screws. To the center of this diaphragm is soldered a small platinum wire about an inch and a half long, projecting downward. Directly underneath the diaphragm, and in the brass tube, is a glass tube, about five inches long and about one inch in diameter, with a hard rubber bottom. Into this rubber bottom is fixed another platinum wire, projecting upward through the center of the glass tube, and reaching within about 1-32 of an inch of the platinum wire attached to the diaphragm. The glass tube is filled with distilled water, the platinum wire attached to the diaphragm is connected with a battery, and the lower platinum wire attached to the rubber bottom of the glass tube is connected instead of electricity passing from the battery to the main line by way of the platinum points, through the water."

HOW IT WORKS.

"The sound of the voice, projected against the diaphragm through the tube, causes the diaphragm to vibrate, of course, in unison with the sound waves produced by the vocal organs, and the volume of water between the platinum points is consequently alternately increased, as the case may be, in perfect unison with the vibrations produced on the diaphragm. Thus it clearly follows that as this volume of water is alternately increased and diminished, currents of electricity are thereby produced, and in perfect unison with the sound waves entering the speaking tube, and this sound is then received upon the ordinary magnet and diaphragm instrument, such as, for instance, the Bell receiver, located at the other end of the line.

Now the improvement thus achieved on telephonic processes is that this apparatus can be used as long lines, as it has battery power.

GO BACK IT UP

and reinforce it. Bell uses no battery but uses the electro-magnet alone. Of course, by increasing the size and power of his magnets it is possible to increase the "reach" or power of overcoming loss of electro-magnetic power incident to long connections. Richmond's instrument, however, can be used on the ordinary telegraph circuits and apparently for unlimited distances. A short line executed on this principal has been in operation between Lansing and North Lansing for some time, but on Saturday last the Dimphant test of the instrument took place. It was the longest on that day, (the only one when it was possible to get the undisturbed use of a long line) the instruments were attached to the wires of the Western Union telegraph on a loop from Lansing to Detroit, and return, a distance of 230 miles. Bell's instrument's greatest feat was to transmit sound from Baltimore to Washington, about 45 miles by the wire's route.) The battery which was of 372 cup power, was in Detroit, the line working through it. The result was most satisfactory, and a fair test showed that Richmond has

BEATEN THE WORLD

in telephonic triumph. During the experiments, also—Dolivil chief operator, Mr. Phillips, and Mr. Hook, of the Michigan Central lines, asked, by the Morse sounder, to be allowed to attach a Bell telephone at Detroit. This was done, and every word uttered at the transmitting end of the line, at Lansing, was heard at the Detroit, and a reply made in kind at the receiving end of the line at Lansing.

That the Lansing gentleman has made a complete success is not for a moment to be doubted, and it is to be hoped that Mr. Richmond, who, by the way, is a poor man; may soon find a way to get his invention on the market. The Bell affair has already developed into a monopoly of unparalelleaty grasping stamp, and it is well that there is a rival in the field. The Bell telephone is a boon to a person who wants a telephone must pay for it a yearly rental of more than twice what it should cost to purchase it outright, and he cannot buy one for love or money.

THE NEWS OF THE REPORT

of the experiments detailed above has already flashed over the wires to many leading electricians, and the scientific students and practical telegraphers are eager to see money invested in Mr. Richmond's invention. The Lansing Republican gives an intelligent account of the working of the Richmond instrument at the Western Union office last Sunday, and Mr. Phillips and Mr. Corbett, of this city, whose dictinctiveness and skill cannot be questioned, freely assert that, so far as the mechanical results are concerned, Richmond's is ahead of Bell by a good mile. It now remains to be seen if Bell will crowd him out of the field by the power of his money, or if the people will be benefitted thereby. It is understood that capital stands ready to see the Lansing invention "through" if it works." He has not should prevent the Hillsdale world having the benefit of his brain work.

---

New Jersey official vote on governor: McClellan, dem., 37,350; Newell, rep., 36,810; Hovey, greenback, 4,938; Bingham, temperance, 1,960.

Menlo Park Nov 25/77

Friend David:

Don't understand about one of your men trying carbon telephone. What I mean by Carbon telephone is solid disk of either plumbago, Lampblack or Gas retort Carbon same as I have always used. I wish you were here. I believe I have got the telephone now that is perfectly satisfactory in every degree; I use one cell of battery and the talking is twice as loud as Bells throughout 70,000 ohms, Bells being on short circuit = or in other words, mine has the same loudness as Bells when Bells is on 100 ohms & mine is on 140 000 ohms, I using one cell of battery.

Yours

Edison

What I mean is that the most carbon where you use plumbago. It was simply an experiment and not satisfactory now well tried —

I am the man that can tell you how well your new appliance will answer — Send it to me to try —

Yours truly T A Edison

Telephone?

Menlo Park N.J. Nov 29/77

Dear Mac =

I've got it now without fail. Constant good articulation with the regular Carbon but I work it on an entirely new principle, last night worked through 480 000 ohms with one cell of battery 480 000 is equal to sixteen thousand miles, It dont need adjusting and I think it will work on any line without trouble from noises — That Richmond telephone is the one I invented in 1875 — I explained to you — drop currents are bad tests = My Carbon telephone was worked from Montreal to Quebec with 50 cells Callound & Conversation Carried on by several gentlemen = More anon =

Yours
T A Edison

Ill take you a dose about health =

Montreal
Nov. 29th 77

Dear Edison I rec'd a letter from you yesterday and was overjoyed to find you are still in the flesh. It has been so long since you wrote me last that I began to think you had evolved into electricity yourself and had either gone to "earth" or been dissipated into space and I began to think I had better "test" to see where you was gone to, or by an electroscope to see if I could detect your presence in the atmosphere. However your letter has rendered this unnecessary and I am glad to know your solid flesh has not melted yet. If you have got your telephone "constant" there is a "Chiel" up here will be tickled about it, and after you are satisfied there of just send them along and I will set them a buzzing. Don't go to the trouble just now of fitting up a "singing Telephone" as I can wait your greater convenience.

Yrs. "constant"

Jno. H. Bangs

Dear Sir

Will you be kind enough to send me a pair of Gold mounted drawing pens & a Gold drawing pencil

Yours Sincerely

Joseph Rippey

Mossenbacher

& Thomas Sellers

Lancaster Pa

Dec 1/77

have applied for a " also a
Mr. Redmond of "

I think you will agree with me it is important to decide upon what course should be taken and I shall be glad if you can make it convenient to confer with me upon it.

You also pressed about the Cuban business

Yours truly
J. James

Prof. Edison
33 East 17th St

J. Davies 76 Broadway
dec 13/1877

Dear Mr. Edison

I should like to have a little conversation with you to settle something definitively as to the course to be adopted with reg. and to foreign patents for Telephone —

I have news from England and my friend says "No news of the "telephone come to hand and my "friends think that it is a failure "that there is nothing more to be done in the matter. It is a sad "pity for success seemed to be certain "R— who is about to be married "to a real lady of Spain has taken "up the thing actively for that country "Pray let me hear at once if anything "is to be hoped from Mr. Edison. "Siemens & Halske of Berlin have

Dec 17" 77

Dear Edison -

I find that "twist" will not avail me anything — I shall have to content myself in aiding you in getting your Telephone to do what we want - Such Patents up —

So for that Compensating Theme is as much in that as in the Telephone almost - I will try it anything you will readily, and I have a favorable place -

Yours Truly,

E. W. Davis

EUGENE F. PHILLIPS,

MANUFACTURER OF

**Read & Phillips' Patent Finished**

# Insulated Telegraph Wire,

PATENT ELECTRIC CORDAGE,

PATENT RUBBER COVERED WIRE, PATENT LEAD ENCASED WIRE, MAGNET WIRE, BURGLAR ALARM AND ANNUNCIATOR WIRE, CABLES, &c.

Providence, R. I., Dec 21st 1877

T A Edison Esq

Dear Sir

Enclosed please find sample of Flex ith cord which we will sell you in 1/2 lengths for the following prices with tips

No. 1. V. 3. 4

20¢ 30¢ 15. 60¢ these are net prices and are for cords 1/2 long with Pat tips should be pleased to receive your order

Very Respectfully Yours
E F Phillips
Dalling

E. H. Sheldon
Dec 21. 77
Miscellaneous Letters

The Central District and Printing Telegraph Co.

OFFICE, FIRST NATIONAL BANK BUILDING,

Corner of Fifth Avenue and Wood Street.

Pittsburgh, Dec 22nd 1877

Friend Edison –

I have tried your half telephone, but not satisfactorily – Please hurry forward the balance –

I want some information from you for a friend, which I omit you would wire me on receipt – I ask you because you told me it would cost $200, & I know you will tell me the truth. Potato rot is Europe, – What I want to know is, what countries do you deem it valuable to take out Patents in? Please telegraph me the names – You need not do more than give the names. The balance I will understand –

I am pressed with the neuralgia, and am writing on my forty winks –

Yours Truly, W. H. David

Hoboken N.J.
December 24th 1881

Thos. Edison Esq.

My dear Sir

I send you inclosed a translation of part of a letter which I have just received from my friend Dr. Schellen Director of the Technical School at Cologne.

He is the author of numerous work of high reputation, such as his great work on Spectrum Analysis, and is a very wise man in all respects!

Any thing you can do

do for him will be esteemed a personal favor by

Yours &c.,

Henry Morton.

P.S. I should like very much to visit your establishment myself if I knew how to get there and when I should be likely to find you.

Henry Morton
Dec 1871

[ENCLOSURE]

H Scheeer
Nov 19.77

Cologne, Nov. 19, 1877.

Prof. Dr. Newton.

Dear Sir -

I see in several of our papers that a Mr. Edison of New York has constructed a telephone differing somewhat in its arrangement from those of Messrs. Elisha Gray and Graham Bell.

Intending to treat very fully of the Telephone in my forthcoming public lectures on Sound, I am at present gathering all attainable information on the subject. I am very desirous of becoming acquainted with Mr. Edison's form of the telephone and would like to obtain if possible such an apparatus for

[ENCLOSURE]

our Physical Museum.

I would be under many obligations to you if you will be kind enough to let me know at your earliest convenience whether Mr. Edison manufactures and sells telephones suitable for lecture purposes and what his address is. In order to lose as little time as possible it might be well, if agreeable, to inform Mr. Edison of my wishes so that he can write me directly.

I am moderately well acquainted with English, so that Mr. Edison need not put himself to the trouble of writing in German.

W. Weckler.
Director of the Kunstschule
Cologne.
Germany.

Alley Bond
Dec 28. 78
See

Phila Dec. 28th 1877

Dear Sir

Enclosed find a Specimen & pattern of a diaphragm for a telephone which I think you will find superior to the metal one, being more sensitive & from its peculiar shape will respond to more tone figures I think. One, it is a thin membrane coated with carbonized of iron (plumbago or black lead) I would also recommend a larger cavity beneath

If this should answer a better purpose you can communicate with me 1336 Girard Ave Philad.a

Alley Bond
to Mr. Edison

P.S. it should be the
shape of a harp or the human
ear . . . a of B

Rochester N.Y. Dec 31st 77

Thos A. Edison.

Dear Sir: I expect to arrive in New York on Wednesday morning. I saw Bliss Saturday Evening on his way home as he passed through here.

I should like to see your Telephone as early as practicable after I get to New York. If you will send word to me at 20 Nassau Church St stating when you have I can see it and the phonograph. I will mark that my first business on entering New York.

Yours &c. H. Bergen.

ELECTRIC PEN AND DUPLICATING PRESS

GEO. H. BLISS, Genl Manf
220 WINCH ST. CHICAGO, ILL.

E. T. GILLILAND,
Gen: Eastern Agent

20 NEW CHURCH ST.

NEW YORK, 1877.

Mr. A.

I went to Millbrooms and got the wire when I was there I seen Bunnell before and he made a mistake in price. This Cost $1.00 for 1/2 Mile and if I got less could not get such good figures but if it is not satisfactory I can will pay for it

Chas. P. Edison

NEW YORK BRANCH,
No. 20 New Church St.

ELECTRO-MEDICAL DEPARTMENT.
WESTERN ELECTRIC MANUFACTURING CO.,
220 TO 232 KINZIE ST.,
CHICAGO, Ills.

New York City 28 1877

My Dr Edison
My luck was to be at home
writing up various matters
when you were here —
these & other things have
prevented my coming
out. Will be back Saturday
& speedily see you thereafter
Want to fix a certain
matter wherein Prof Henry
has dealt your enemy
a blow. Go to Balto
today to give Nit Templ's
a $75. concert — this will
be the 1st instance since
the Gilmore affair I don't
actually lost
money — whenever a
successful concert has

been given the Robit
went into Other Packet
- surmising that such will
Ever be my luck I have
resolved to give Concerts
henceforth only where a
responsible party will
Engage me at so much each
Thus While I shall not
grow suddenly rich (a la
Automatic) I'll Ever make
a trifle (a la Edison; policy
Acting on this resolve I
Yesterday placed myself
in the hands of the American
Literary Bureau (a la Redpath
Bickler &c) whose Mission
is to secure me Engagements
at highest possible price
for a per centage -
Old House - wide Correspondence
- Good reputation - Enthusiastic
- probable net results to me

ELECTRO-MEDICAL DEPARTMENT,
WESTERN ELECTRIC MANUFACTURING CO.,
220 TO 232 KINZIE ST.,
CHICAGO, ILLS.

NEW YORK BRANCH,
No. 23 New Church St.

New York City, 1877

plenty of engagements this
winter at from 75 to 150
Each. Arrangement with
W.U. I to have wires
when concerts given in
large towns - other towns
to be worked locally &
Lancelo Earned on long
circuits to be eloquently
displayed by the Lecturer
as proof of his ability to
do thereon just what he
is now doing on the local
CKt. Hint from Downer
Cause of this temporizing
with W.U. - too much fuss
game, it was feared would
Nauseate the Executive Stomach
& compel a vanishing that
would throw me on shore

Since I cant swallow the whale I'm content to remain modestly inside his capacious stomach & not kick up too much of a row, to the end that I may now & then benefit by the titbits he occasionally swallows - ie - JCH told me I could always rely upon getting wines to such places as Boston & the larger cities -

What about your checkes - I learn Wm. have made an arrangement with Bill at last

Try & come in saturday & dont go out till 5 P. I shall teach Pen of at 4.15 or 30

Yrs J Russ

THE

**Hartford Alarm Register Company,**

Room 33 Tribune Building,

20 BROADWAY

New York, N.Y. 187

P. O. Box 5529.

My Dr Edison -

Our Lawrence Exhibitor turns up with official papers declaring you have no patent in Canada - that your model was returned etc etc - Merrill seems to be unable to explain it; wants very much to see your patent - to decide what he shall do - Evidently it is important that he do something at once.

So Please send it to
Bailey at the ofs by
Ofn, Please in the Mile

Roosevelt gals, Gentlemen
He has been trying to
recover for several days
Meets me to about up
& to ask you to bring
in anything you may want
being to take care

Yours
[illegible]

AD

Our desks are
also littered up
by Edisons traps
He hasn't done a
thing in some weeks
I want to straighten
things out too

DRD

Thos Edison

Dear Sir

Shall we throw your traps out in the street or take them to our Nickles & get "a brace"? If neither shall we leave them alone

A. & W.

## A NOTE ON THE SOURCES

The pages which were microfilmed for this collection are in generally good condition in the original. There are some pages, however, which due to age do not reproduce satisfactorily. We have made every technical effort to ensure complete legibility of each and every page.

PUBLICATION AND MICROFILM
COPYING RESTRICTIONS

Reel duplication of the whole or of any part of this film is prohibited. In lieu of transcripts, however, enlarged photocopies of selected items contained on these reels may be made in order to facilitate research.

# END

# 14

## FINANCIAL CONTRIBUTORS

### PRIVATE FOUNDATIONS

Alfred P. Sloan Foundation
Charles Edison Fund
The Hyde and Watson Foundation
Geraldine R. Dodge Foundation

### PUBLIC FOUNDATIONS

National Science Foundation
National Endowment for the Humanities

### PRIVATE CORPORATIONS AND INDIVIDUALS

Alabama Power Company
Amerada Hess Corporation
AT&T
Association of Edison Illuminating Companies
Battelle Memorial Institute Foundation
The Boston Edison Foundation
Cabot Corporation Foundation
Carolina Power and Light Company
Consumers Power Company
Corning Glass Works Foundation
Duke Power Company
Edison Electric Institute
Exxon Corporation
General Electric Foundation
Gould Inc. Foundation
Gulf States Utilities Company
The Institute of Electrical & Electronics Engineers
International Brotherhood of Electrical Workers
Iowa Power and Light Company
Mr. and Mrs. Stanley H. Katz
Matsushita Electric Industrial Co., Ltd.
McGraw-Edison Company
Middle South Services, Inc.
Minnesota Power
New Jersey Bell Telephone Company
New York State Electric & Gas Corporation
North American Philips Corporation
Philadelphia Electric Company
Philips International B.V.
Public Service Electric and Gas Company
RCA Corporation
Robert Bosch GmbH
Savannah Electric and Power Company
Schering Plough Foundation
Texas Utilities Company
Thomson-Brandt
Transamerica Delaval Inc.
Westinghouse Educational Foundation
Wisconsin Public Service Corporation

## BOARD OF SPONSORS

Rutgers, The State University of New Jersey
Edward J. Bloustein
T. Alexander Pond
Tilden G. Edelstein
Richard P. McCormick
James Kirby Martin

New Jersey Historical Commission
Bernard Bush
Howard Green

National Park Service, Edison National Historic Site
Roy W. Weaver
Edward J. Pershey
William Binnewies
Lynn Wightman
Elizabeth Albro

Smithsonian Institution
Brooke Hindle
Bernard Finn

## EDITORIAL ADVISORY BOARD

James Brittain, Georgia Institute of Technology
Alfred D. Chandler, Harvard University
Neil Harris, University of Chicago
Thomas Parke Hughes, University of Pennsylvania
Arthur Link, Princeton University
Nathan Reingold, Smithsonian Institution
Robert C. Schofield, Iowa State University

## CORPORATE ASSOCIATES

William C. Hittinger (chairman), RCA Corporation
*Arthur M. Bueche, General Electric Company
Edward J. Bloustein, Rutgers, The State University of N.J.
Cees Bruynes, North American Philips Corporation
Paul J. Christiansen, Charles Edison Fund
Philip F. Dietz, Westinghouse Electric Corporation
Paul Lego, Westinghouse Electric Corporation
Roland W. Schmitt, General Electric Corporation
Robert I. Smith, Public Service Electric and Gas Company
Harold W. Sonn, Public Service Electric and Gas Company
Morris Tanenbaum, AT&T

*Deceased

Copyright © 1985 by Rutgers, The State University

All Rights Reserved. No part of this publication including any portion of the guide and index or of the microfilm may be reproduced, stored in a retrieval system, or transmitted in any form by any means—graphic, electronic, mechanical, or chemical, including photocopying, recording or taping, or information storage and retrieval systems—without written permission of Rutgers, The State University of New Jersey, New Brunswick, New Jersey.

The original documents in this edition are from the archives at the Edison National Historic Site at West Orange, New Jersey.

# Thomas A Edison Papers

*A SELECTIVE MICROFILM EDITION*

*PART I*
*(1850–1878)*


Thomas E. Jeffrey
Microfilm Editor and Associate Editor

Paul B. Israel
Assistant Editor

Assistant Editors:
Toby Appel
Keith A. Nier
Andre Millard

Susan Schultz
Assistant Editor

Research Associates:
Robert Rosenberg
W. Bernard Carlson

Student Assistants
John Deasey
Leonard De Graaf
David Fowler
Pamela Kwiatkowski
Joseph P. Sullivan
Barbara B. Tomblin

Leonard S. Reich, Associate Director and Associate Editor
Reese V. Jenkins, Director and Editor

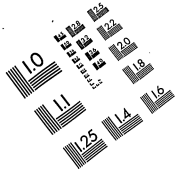


Sponsors
Rutgers, The State University of New Jersey
National Park Service, Edison National Historic Site
New Jersey Historical Commission
Smithsonian Institution

University Publications of America
Frederick, Maryland
1985

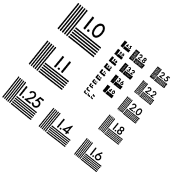


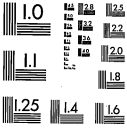
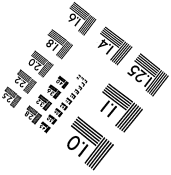
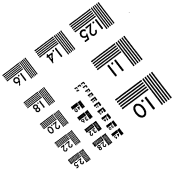
Edison signature used with permission of McGraw-Edison Company.




Association for Information and Image Management

MS303-1980




Centimeter

Inches